23.0

Teamleader Focus API Data Model

for use with Invantive SQL

invantive
the SQL company

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1 SQL Driver for Teamleader Focus API

Invantive UniversalSQL is the fastest, easiest and most reliable way to exchange data with the Teamleader Focus API.

Use the "Search" option in the left menu to search for a specific term such as the table or column description. When you already know the term, please use the "Index" option. When you can't find the information needed, please click on the Chat button at the bottom or place your question in the user community. Invantive Support or other users will try to help you.

Teamleader Focus is a cloud solution for customer management. Teamleader includes CRM as well as project and tickets. Teamleader can be extended by defining custom fields on several core concepts.

The Teamleader Focus driver covers 314 tables and 5086 columns.

Teamleader Focus API Clients

Invantive UniversalSQL is available on many user interfaces ("clients" in traditional server-client paradigma). All Invantive UniversalSQL statements can be exchanged with a close to 100% compatibility across all clients and operating systems (Windows, MacOS, Linux, iOS, Android).

The clients include Microsoft Excel, Microsoft Power BI, Microsoft Power Query, Microsoft Word and Microsoft Outlook. Web-based clients include Invantive Cloud, Invantive Bridge Online as OData proxy, Invantive App Online for interactive apps, Online SQL Editor for query execution and Invantive Data Access Point as extended proxy.

The Teamleader Focus Power BI connector is based on the Invantive UniversalSQL driver for Teamleader Focus, completed by a high-performance OData connector which works straight on Power BI without any add-on. The OData protocol is always version 4, independent whether the backing platform uses OData, SOAP or another protocol.

For technical users there are command-line editions of Invantive Data Hub running on iOS, Android, Windows, MacOS and Linux. Invantive Data Hub is also often used for enterprise server applications such as ETL. High-volume replication of data taken from the Teamleader Focus API into traditional databases such as SQL Server (on-premises and Azure), MySQL, PostgreSQL and Oracle is possible using Invantive Data Replicator. Invantive Data Replicator automatically creates and maintains Teamleader Focus datawarehouses, possibly in combination with data from over 75 other (cloud) platforms. Invantive Data Replicator supports data volumes up to over 1 TB and over 5.000 companies. The on-premise edition of Invantive Bridge offers an Teamleader Focus ADO.net provider.

Finally, online web apps can be build for Teamleader Focus using App Online of Invantive Cloud.

Monitor API Calls

When a query or DML-statement has been executed on Invantive UniversalSQL a developer can evaluate the actual calls made to the Teamleader Focus API using a query on sessionios@DataDictionary. As an alternative, extensive request and response logging can be enabled by setting log-native-calls-to-disk to true. In the %USERPROFILE%\Invantive\NativeLog folder Invantive UniversalSQL will create log files per Teamleader Focus API request and response.

Specifications

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The SQL driver for Teamleader Focus does not support partitioning. Define one data container in a database for each company in Teamleader Focus to enable parallel access for data from multiple companies.

An introduction into the concepts of Invantive UniversalSQL such as databases, data containers and partitioning can be found in the Invantive UniversalSQL grammar.

The configuration can be changed using various attributes from the database definition, on log on and during use. A full list of configuration options is listed in the driver attributes 3.

The catalog name is used to compose the full qualified name of an object like a table or view. The schema name is used to compose the full qualified name of an object like a table or view. On Teamleader Focus the comparison of two texts is case sensitive by default.

Changes and bug fixes on the Teamleader Focus SQL driver can be found in the release notes. Get access to the community through the Teamleader Focus section of the Invantive forums.

Driver code for use in settings.xml: `Teamleader`

Alias: `teamleader`

Recommended alias: `tlr`

Driver code for use in settings.xml

Alternative NameTeamleader Focus is also popular by the former name Teamleader.AuthenticationAuthentication for the Teamleader Focus API can be done using one of the following two alternatives:1. Using the user log on code and password also used on the Teamleader website.2. Using an API group and API secret.Authentication using user log on code and password is recommended for general use of the API through the Invantive tables. The user must have access to all functionality since by default all so-called 'scopes' of the API are requested. The API scopes can be manually entered to be able to log in with a restricted accounts. Please provide a space-separated list chosen from companies contacts deals departments events invoices products projects quotations subscriptions tickets todos users.The API group and secret can be found on https://app.teamleader.eu/apiwebhooks.php?show_key.

Usage LimitsInvantive SQL executes API calls to retrieve and upload data from the Teamleader Focus API in JSON format. The number of V1 API calls allowed per 5 seconds is 25 and the V2 API allows 200 calls per minute. Invantive SQL ensures that within your session the number of calls allowed per timewindow is not exceeded.To get an impression of how Invantive SQL translates into API calls, please query the data dictionary view 'sessionios', such as with 'select * from sessionios@datadictionary'.

Custom FieldsCustom fields for which one value can be entered on an object are added to the table representing the object. For instance, a custom field 'needsaudit' on 'project', will be added as a column 'c_needsaudit' on the 'project' table. The name of the additional column directly derives from the custom field name. Almost all changes, including adding numbers or reading characters, will result in the data model being changed.Custom fields which can have no, one or multiple values ('set' custom fields) are reflected in the data model by tables with a name constructed of the object name, an underscore plus the name of the custom field. For example, a custom field named 'Multiple Selection' on 'Task' will add a table 'task_multipleselection' to the data model.Custom fields are unique to each Teamleader Focus environment. When the existence of specific custom field is not guaranteed, please use generic solutions like the tables 'CustomFieldDefinitions', 'custom_fields', 'custom_field_options', 'custom_field', 'Custom_Fields_All', 'Custom_Field_Types' and their object-specific custom field value tables like 'ticket_custom_field_values_by_id'.

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Updated 10-06-2024 18:37 using Invantive UniversalSQL version 24.1.3-BETA+4689.

2 SQL Driver Attributes for Teamleader Focus API

The SQL driver for Teamleader Focus has many attributes that can be finetuned to improve handling in scenarios with unreliable network connections to the API server of Teamleader Focus or high volumes of data. Also, many drivers have driver-specific attributes to finetune actual behaviour or handle data not matching specifications.

The Teamleader Focus driver attributes are assigned a default value which seldom requires change. However, changes can be applied when needed on four levels, which are reflected in the table below by separate checkmarks:

- Connection string: the connection string from the settings*.xml file and applied during log on.
- Set SQL statement: a set SQL-statement to be executed once connection has been established.
- Log on: value to be specified interactively by user during log on in a user interface.

The connection string for Teamleader Focus can be found in the settings*.xml file used for the database. The reference manuals contain instructions how to relocate the settings*.xml files. Settings*.xml files are typically located in the `%USERPROFILE%\invantive` folder in most deployment scenarios. Each data container of a database in the connection string can have a `connectionString` element specifying the name and values of attributes. Both name and value must be properly escaped according to XML-semantics. Actual application of the value is solely done during log on. A new connection must be established to change the value of a driver attribute using a connection string.

The set SQL statement can be executed after log on. The syntax is: `set NAME VALUE`, or for a distributed database: `set NAME@ALIAS VALUE`. In some scenarios you may need to enclose the driver attribute name in square brackets to escape it from parsing, for instance when a reserved SQL keyword is part of the name. The new value takes effect straight after execution of the set-statement. The set-statement can be executed as often as needed during a session.

Driver attributes that can be interactively set to a value are typically presented in the log on window. Depending on the platform and design decisions of the user interface designer, some or all of the available driver attributes can have been made available.

The Teamleader Focus driver can be configured using the following attributes:

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
add-odata-mandatory-filters	Whether to automatically add OData filters deemed necessary by the platform.	OData	False	✓	✓	✓	
analysis-enforce-row-uniqueness	Enforce rows to be unique for software analysis. A fingerprint is calculated from the whole row of data when the primary key column is unknown.	Shared	False	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
api-access-token	Access Token is a security token for multiple OAuth2 Flows. With an Access Token you can access protected resources. An Access Token must be stored securely since once compromised allows access to your protected resources.	OData		✓	✓	✓	✓
api-client-id	The client ID is a unique identifier of your application. It is generated by registering an application.	OData		✓		✓	✓
api-client-secret	The client secret is to be kept confidential. Such as a password for a logon code, the client secret is the confidential part of an app identified by a client ID. It is needed during the OAuth2 Code Grant Flow together with the refresh token to get access.	OData		✓		✓	✓
api-group-authentication	Use API group authentication when true. OAuth otherwise.	Teamleader Focus		✓		✓	
api-pre-expiry-refresh-sec	The number of seconds before the token expires to acquire a new token.	OData		✓	✓	✓	
api-redirect-url	The redirect URI is the website a browser session is redirected to after the OAuth2 authentication process has been completed.	OData		✓		✓	✓
api-refresh-token	Refresh Token is a security token for the OAuth2 Code Grant Flow. With a Refresh Token and client secret you can retrieve a renewed access token to access protected resources. A Refresh Token and client secret must be stored securely since once compromised allows access to your protected resources.	OData		✓		✓	✓
api-scope	The authorization scope(s) to request an OAuth token for.	OData		✓		✓	
api-token-url	The token URI is the OAuth2 endpoint to exchange tokens with.	OData		✓		✓	
api-url	URL of web service.	OData		✓		✓	
bulk-delete-page-size-rows	Number of rows to delete per batch when bulk deleting.	Shared	10000	✓	✓	✓	
bulk-insert-page-size-bytes	Approximate maximum size in bytes of batch when bulk inserting.	Shared	10000000	✓	✓	✓	
bulk-insert-page-size-rows	Number of rows to insert per batch when bulk inserting.	Shared	250	✓	✓	✓	
download-error-400-bad-request-max-tries	Maximum number of tries when HTTP server reports bad format during retrieval of data.		3	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Con-nec-tion String	Set from Set SQL-State-ment	Set from Driver s File	Set from Log On
dow nload-error-400-bad-request-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen HTTP server reports that the API server is unavailable during retrieval of data.		500	✓	✓	✓	
dow nload-error-400-bad-request-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen HTTP server reports that the API server is un-available during retrieval of data.		5000	✓	✓	✓	
dow nload-error-400-bad-request-sleep-multiplicator	Multiplication factor for sleep betw een retries HTTP server reports that the API server is unavailable during retrieval of data.		2	✓	✓	✓	
dow nload-error-408-request-timeout-max-tries	Maximum number of tries w hen the w ebsite reports a HTTP status 408.		10	✓	✓	✓	
dow nload-error-408-request-timeout-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the w ebsite reports a HTTP status 408.		10000	✓	✓	✓	
dow nload-error-408-request-timeout-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the w ebsite reports a HTTP status 408.		300000	✓	✓	✓	
dow nload-error-408-request-timeout-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen the w ebsite reports a HTTP status 408.		2	✓	✓	✓	
dow nload-error-422-bad-request-max-tries	Maximum number of tries w hen HTTP server reports unprocessable entity during retrieval of data.		30	✓	✓	✓	
dow nload-error-422-bad-request-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen HTTP server reports unprocessable entity during retrieval of data.		10000	✓	✓	✓	
dow nload-error-422-bad-request-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen HTTP server reports unprocessable entity during retrieval of data.		300000	✓	✓	✓	
dow nload-error-422-bad-request-sleep-multiplicator	Multiplication factor for sleep betw een retries HTTP server reports unprocessable entity during retrieval of data.		2	✓	✓	✓	
dow nload-error-429-too-many-re-quests-max-tries	Maximum number of tries w hen the w ebsite reports that too many re-quests have been made during a timeslot of one minute or one day.		10	✓	✓	✓	
dow nload-error-429-too-many-re-quests-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the w ebsite reports that too many requests have been made during a timeslot of one minute or one day.		2000	✓	✓	✓	
dow nload-error-429-too-many-re-	Maximum sleep in milliseconds betw een retries w hen the w ebsite reports that too many requests have		60000	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
quests-sleep-max-ms	been made during a timeslot of one minute or one day.						
download-error-429-too-many-requests-sleep-multiplicator	Multiplication factor for sleep between retries when the website reports that too many requests have been made during a timeslot of one minute or one day.		2	✓	✓	✓	
download-error-500-internal-server-error-max-tries	itgen_pae_download_error_500_internal_server_error_max_tries		10	✓	✓	✓	
download-error-500-internal-server-error-sleep-initial-ms	itgen_pae_download_error_500_internal_server_error_sleep_initial_ms		10000	✓	✓	✓	
download-error-500-internal-server-error-sleep-max-ms	itgen_pae_download_error_500_internal_server_error_sleep_max_ms		300000	✓	✓	✓	
download-error-500-internal-server-error-sleep-multiplicator	itgen_pae_download_error_500_internal_server_error_sleep_multiplicator		2	✓	✓	✓	
download-error-502-server-unavailable-max-tries	Maximum number of tries when HTTP server reports a bad gateway during retrieval of data.		30	✓	✓	✓	
download-error-502-server-unavailable-sleep-initial-ms	Initial sleep in milliseconds between retries when HTTP server reports a bad gateway during retrieval of data.		10000	✓	✓	✓	
download-error-502-server-unavailable-sleep-max-ms	Maximum sleep in milliseconds between retries when HTTP server reports that a bad gateway during retrieval of data.		300000	✓	✓	✓	
download-error-502-server-unavailable-sleep-multiplicator	Multiplication factor for sleep between retries HTTP server reports a bad gateway during retrieval of data.		2	✓	✓	✓	
download-error-503-server-unavailable-max-tries	Maximum number of tries when HTTP server reports that the API server is unavailable during retrieval of data.		30	✓	✓	✓	
download-error-503-server-unavailable-sleep-initial-ms	Initial sleep in milliseconds between retries when HTTP server reports that the API server is unavailable during retrieval of data.		10000	✓	✓	✓	
download-error-503-server-unavailable-sleep-max-ms	Maximum sleep in milliseconds between retries when HTTP server reports that the API server is unavailable during retrieval of data.		300000	✓	✓	✓	
download-error-503-server-unavailable-sleep-multiplicator	Multiplication factor for sleep between retries HTTP server reports that the API server is unavailable during retrieval of data.		2	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Con-nec-tion String	Set from Set SQL-State-ment	Set from Driver s File	Set from Log On
dow nload-error-504-gatew ay-timeout-max-tries	Maximum number of tries w hen the w ebsite reports a gatew ay timeout.		10	✓	✓	✓	
dow nload-error-504-gatew ay-timeout-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the w ebsite reports a gatew ay timeout.		10000	✓	✓	✓	
dow nload-error-504-gatew ay-timeout-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the w ebsite reports a gatew ay timeout.		300000	✓	✓	✓	
dow nload-error-504-gatew ay-timeout-sleep-multi-plicator	Multiplication factor for sleep betw een retries w hen the w ebsite reports a gatew ay timeout.		2	✓	✓	✓	
dow nload-error-590-netw ork-con-nect-timeout-max-tries	Maximum number of tries w hen the w ebsite reports a HTTP status 590.		10	✓	✓	✓	
dow nload-error-590-netw ork-con-nect-timeout-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the w ebsite reports a HTTP status 590.		10000	✓	✓	✓	
dow nload-error-590-netw ork-con-nect-timeout-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the w ebsite reports a HTTP status 590.		300000	✓	✓	✓	
dow nload-error-590-netw ork-con-nect-timeout-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen the w ebsite reports a HTTP status 590.		2	✓	✓	✓	
dow nload-error-599-netw ork-con-nect-timeout-max-tries	Maximum number of tries w hen the w ebsite reports a HTTP status 599.		10	✓	✓	✓	
dow nload-error-599-netw ork-con-nect-timeout-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the w ebsite reports a HTTP status 599.		10000	✓	✓	✓	
dow nload-error-599-netw ork-con-nect-timeout-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the w ebsite reports a HTTP status 599.		300000	✓	✓	✓	
dow nload-error-599-netw ork-con-nect-timeout-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen the w ebsite reports a HTTP status 599.		2	✓	✓	✓	
dow nload-error-ar-gument-exception-max-tries	Maximum number of tries w hen an argument exception is returned w hen dow nloading a blob.		10	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
download-error-argument-exception-sleep-initial-ms	Initial sleep in milliseconds between retries when an argument exception is returned when downloading a blob.		10000	✓	✓	✓	
download-error-argument-exception-sleep-max-ms	Maximum sleep in milliseconds between retries when an argument exception is returned when downloading a blob.		300000	✓	✓	✓	
download-error-argument-exception-sleep-multiplicator	Multiplication factor for sleep between retries when an argument exception is returned when downloading a blob.		2	✓	✓	✓	
download-error-internet-down-max-tries	Maximum number of tries when the Internet connection seems down during retrieval of data.		10	✓	✓	✓	
download-error-internet-down-sleep-initial-ms	Initial sleep in milliseconds between retries when the Internet connection seems down during retrieval of data.		10000	✓	✓	✓	
download-error-internet-down-sleep-max-ms	Maximum sleep in milliseconds between retries when the Internet connection seems down during retrieval of data.		300000	✓	✓	✓	
download-error-internet-down-sleep-multiplicator	Multiplication factor for sleep between retries when the Internet connection seems down during retrieval of data.		2	✓	✓	✓	
download-error-io-exception-max-tries	Maximum number of tries when a network I/O connection failure occurs during retrieval of data.		10	✓	✓	✓	
download-error-io-exception-sleep-initial-ms	Initial sleep in milliseconds between retries when a network I/O connection failure occurs during retrieval of data.		10000	✓	✓	✓	
download-error-io-exception-sleep-max-ms	Maximum sleep in milliseconds between retries when a network I/O connection failure occurs during retrieval of data.		300000	✓	✓	✓	
download-error-io-exception-sleep-multiplicator	Multiplication factor for sleep between retries when a network I/O connection failure occurs during retrieval of data.		2	✓	✓	✓	
download-error-json-exception-max-tries	Maximum number of tries when an invalid JSON body is returned.		3	✓	✓	✓	
download-error-json-exception-sleep-initial-ms	Initial sleep in milliseconds between retries when an invalid JSON body is returned.		1000	✓	✓	✓	
download-error-json-exception-sleep-max-ms	Maximum sleep in milliseconds between retries when an invalid JSON body is returned.		10000	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
download-error-json-exception-sleep-multiplicator	Multiplication factor for sleep between retries when an invalid JSON body is returned.		2	✓	✓	✓	
download-error-name-resolution-failure-max-tries	Maximum number of tries when the host name could not be resolved during retrieval of data.		5	✓	✓	✓	
download-error-name-resolution-failure-sleep-initial-ms	Initial sleep in milliseconds between retries when the host name could not be resolved during retrieval of data.		5000	✓	✓	✓	
download-error-name-resolution-failure-sleep-max-ms	Maximum sleep in milliseconds between retries when the host name could not be resolved during retrieval of data.		5000	✓	✓	✓	
download-error-name-resolution-failure-sleep-multiplicator	itgen_pae_download_error_in-ame_resolution_failure_sleep_multiplicator		1	✓	✓	✓	
download-error-other-exception-max-tries	Maximum number of tries when an unqualified error occurs during retrieval of data.		3	✓	✓	✓	
download-error-other-exception-sleep-initial-ms	Initial sleep in milliseconds between retries when an unqualified error ocurrs during retrieval of data.		10000	✓	✓	✓	
download-error-other-exception-sleep-max-ms	Maximum sleep in milliseconds between retries when an unqualified error ocurrs during retrieval of data.		300000	✓	✓	✓	
download-error-other-exception-sleep-multiplicator	Multiplication factor for sleep between retries when an unqualified error ocurrs during retrieval of data.		2	✓	✓	✓	
download-error-socket-exception-max-tries	Maximum number of tries when the network connection is forcible dropped during retrieval of data.		10	✓	✓	✓	
download-error-socket-exception-sleep-initial-ms	Initial sleep in milliseconds between retries when the network connection is forcible dropped during retrieval of data.		10000	✓	✓	✓	
download-error-socket-exception-sleep-max-ms	Maximum sleep in milliseconds between retries when the network connection is forcible dropped during retrieval of data.		300000	✓	✓	✓	
download-error-socket-exception-sleep-multiplicator	Multiplication factor for sleep between retries when the network connection is forcible dropped during retrieval of data.		2	✓	✓	✓	
download-error-web-exception-max-tries	Maximum number of tries when a web connection failure occurs during retrieval of data.		10	✓	✓	✓	
download-error-web-exception-sleep-initial-ms	Initial sleep in milliseconds between retries when a web connection failure occurs during retrieval of data.		10000	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
download-error-web-exception-sleep-max-ms	Maximum sleep in milliseconds between retries when a web connection failure occurs during retrieval of data.		300000	✓	✓	✓	
download-error-web-exception-sleep-multiplicator	Multiplication factor for sleep between retries when a web connection failure occurs during retrieval of data.		2	✓	✓	✓	
download-error-web-not-found-max-tries	itgen_pae_download_error_web_not_found_max_tries		1	✓	✓	✓	
download-error-web-not-found-sleep-initial-ms	itgen_pae_download_error_web_not_found_sleep_initial_ms		10000	✓	✓	✓	
download-error-web-not-found-sleep-max-ms	itgen_pae_download_error_web_not_found_sleep_max_ms		300000	✓	✓	✓	
download-error-web-not-found-sleep-multiplicator	itgen_pae_download_error_web_not_found_sleep_multiplicator		2	✓	✓	✓	
download-error-web-not-implemented-max-tries	Maximum number of tries when the connection reports not implemented.		1	✓	✓	✓	
download-error-web-not-implemented-sleep-initial-ms	Initial sleep in milliseconds between retries when the connection reports not implemented.		10000	✓	✓	✓	
download-error-web-not-implemented-sleep-max-ms	Maximum sleep in milliseconds between retries when the connection reports not implemented.		300000	✓	✓	✓	
download-error-web-not-implemented-sleep-multiplicator	Multiplication factor for sleep between retries when the connection reports not implemented.		2	✓	✓	✓	
download-error-web-timeout-max-tries	Maximum number of tries when the connection reports a timeout.		10	✓	✓	✓	
download-error-web-timeout-sleep-initial-ms	Initial sleep in milliseconds between retries when the connection reports a timeout.		1000	✓	✓	✓	
download-error-web-timeout-sleep-max-ms	Maximum sleep in milliseconds between retries when the connection reports a timeout.		30000	✓	✓	✓	
download-error-web-timeout-sleep-multiplicator	Multiplication factor for sleep between retries when the connection reports a timeout.		2	✓	✓	✓	
download-error-web-unauthorized-max-tries	Maximum number of tries when the connection reports an unauthorized error.		1	✓	✓	✓	
download-error-web-unauthorized-	Initial sleep in milliseconds between retries when the connection reports		10000	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
sleep-initial-ms	an unauthorized error.						
download-error-web-unauthorized-sleep-max-ms	Maximum sleep in milliseconds between retries when the connection reports an unauthorized error.		300000	✓	✓	✓	
download-error-web-unauthorized-sleep-multiplicator	Multiplication factor for sleep between retries when the connection reports an unauthorized error.		2	✓	✓	✓	
enable-v1-api	itgen_pae_teamleader_enable_v1_desc	Teamleader Focus	True	✓			✓
force-case-sensitive-identifiers	Consider identifiers as case-sensitive independent of the platform capabilities.	Shared	False	✓	✓	✓	
force-custom-field-to-string	Whether to force custom field values shown in columns to be represented as string instead of the registered type.	Teamleader Focus	False	✓		✓	✓
forced-casing-identifiers	Forced casing of identifiers. Choose from: Unset, Lower, Upper and Mixed.	Shared		✓	✓	✓	
http-disk-cache-compression-level	Compression level for the HTTP disk cache, ranging from 1 (little) to 9 (intense). Default is 5.	Shared	5	✓	✓	✓	
http-disk-cache-directory	Directory where HTTP cache is stored.	Shared	C:\Users\guido\Invantive\Cache\http\guido\shared	✓	✓	✓	
http-disk-cache-ignore-write-errors	Whether to ignore write errors to disk cache.	Shared	False	✓	✓	✓	
http-disk-cache-max-age-sec	Maximum acceptable age in seconds for use of data in the HTTP disk cache.	Shared	2592000	✓	✓	✓	
http-get-timeout-max-ms	HTTP GET maximum timeout on retry (ms).		24000	✓	✓	✓	
http-get-timeout-ms	HTTP GET timeout (ms).		56000	✓	✓	✓	
http-memory-cache-compression-level	Compression level for the HTTP memory cache, ranging from 1 (little) to 9 (intense). Default is 5.	OData	5	✓	✓	✓	
http-memory-cache-max-age-sec	Maximum acceptable age in seconds for use of data in the HTTP memory cache.	OData	14400	✓	✓	✓	
http-post-timeout-max-ms	HTTP POST maximum timeout on retry (ms).		58000	✓	✓	✓	
http-post-timeout-ms	HTTP POST timeout (ms).		57000	✓	✓	✓	
ignore-http-400-errors	Ignore HTTP 400 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
ignore-http-401-errors	Ignore HTTP 401 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-402-errors	Ignore HTTP 402 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-403-errors	Ignore HTTP 403 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-404-errors	Ignore HTTP 404 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-422-errors	Ignore HTTP 422 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-429-errors	Ignore HTTP 429 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-500-errors	Ignore HTTP 500 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-502-errors	Ignore HTTP 502 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
ignore-http-503-errors	Ignore HTTP 503 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
invalid-json-on-get-max-tries	Maximum number of tries when the JSON received on GET is invalid.		1	✓	✓	✓	
invalid-json-on-get-sleep-initial-ms	Initial sleep in milliseconds between retries when the JSON received on GET is invalid.		1000	✓	✓	✓	
invalid-json-on-get-sleep-max-ms	Maximum sleep in milliseconds between retries when the JSON received on GET is invalid.		10000	✓	✓	✓	
invalid-json-on-get-sleep-multiplicator	Multiplication factor for sleep between retries when the JSON received on GET is invalid.		2	✓	✓	✓	
invalid-json-on-post-max-tries	Maximum number of tries when the JSON received on POST is invalid.		1	✓	✓	✓	
invalid-json-on-post-sleep-initial-ms	Initial sleep in milliseconds between retries when the JSON received on POST is invalid.		1000	✓	✓	✓	
invalid-json-on-post-sleep-max-ms	Maximum sleep in milliseconds between retries when the JSON received on POST is invalid.		10000	✓	✓	✓	
invalid-json-on-post-sleep-multiplicator	Multiplication factor for sleep between retries when the JSON received on POST is invalid.		2	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
invantive-sql-compress-sparse-arrays	Whether to compress sparse arrays in result sets during compression.	SQL Engine V1	True	✓	✓	✓	
invantive-sql-correct-invalid-date	Whether to correct dates considered invalid since they are before 01-01-1753. When nullable, they are removed. Otherwise they are replaced by 01-01-1753.	SQL Engine V1	False	✓	✓	✓	
invantive-sql-execution-profile-disk-path	itgen_pae_invantive_sql_execution_profile_disk_path	SQL Engine V1	c:\temp\profiles	✓	✓	✓	
invantive-sql-execution-profile-to-disk	itgen_pae_invantive_sql_execution_profile_to_disk	SQL Engine V1	True	✓	✓	✓	
invantive-sql-forward-filters-to-data-containers	Whether to forward filters to data containers.	SQL Engine V1	True	✓	✓	✓	
invantive-sql-share-byte-arrays	Whether to share the memory used by identical byte arrays in result sets during compression.	SQL Engine V1	True	✓	✓	✓	
invantive-sql-share-strings	Whether to share the memory used by identical strings in result sets during compression.	SQL Engine V1	True	✓	✓	✓	
invantive-sql-shuffle-fetch-results-data-containers	Whether to shuffle results fetched from data containers.	SQL Engine V1	False	✓	✓	✓	
invantive-use-cache	Whether to cache the results of a query.	SQL Engine V1	True	✓	✓	✓	
join-set-points-per-request	Maximum number of values in a request when executing a join set.	OData	60	✓	✓	✓	
limit-partition-calls-left	Minimum number of remaining API calls on a partition towards a hard limit. When below, an error is raised.	OData	500	✓	✓	✓	
log-native-calls-to-disk-max-events	Maximum number of call events to register from last activation.	Shared		✓	✓	✓	
log-native-calls-to-disk-max-seconds	Maximum number of seconds to register calls from last activation.	Shared		✓	✓	✓	
log-native-calls-to-disk-on-error	Registers native calls to data container backend as disk files when the call raised an error.	Shared	False	✓	✓	✓	
log-native-calls-to-disk-on-success	Registers native calls to data container backend as disk files when the call raised no error.	Shared	False	✓	✓	✓	
log-native-calls-to-trace	Log native calls to data container backend on the trace.	Shared	False	✓	✓	✓	
max-odata-filters	Maximum number of OData filter elements.	OData	100	✓	✓	✓	
max-url-length-accepted	The maximum accepted URL length before raising an error.	Shared	8000	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
max-url-length-desired	The maximum desired URL length.	Shared	8000	✓	✓	✓	
maximum-length-identifiers	Non-default maximum length in characters of identifier names.	Shared		✓	✓	✓	
maximum-url-length	Maximum URL Length			✓	✓	✓	
metadata-cache-max-age-sec	Maximum acceptable age in seconds for re-use of metadata.	OData		✓	✓	✓	
oauth-unauthorized-max-tries	Maximum number of tries when an OAuth exception occurs.	OData	2	✓	✓	✓	
oauth-unauthorized-sleep-initial-ms	Initial sleep in milliseconds between OAuth reauthentication tries when the OAuth authentication fails.	OData	10000	✓	✓	✓	
oauth-unauthorized-sleep-max-ms	Maximum sleep in milliseconds between OAuth reauthentication tries when the OAuth authentication fails.	OData	1000	✓	✓	✓	
oauth-unauthorized-sleep-multiplicator	Multiplication factor for sleep between OAuth reauthentication tries when the OAuth authentication fails.	OData	2	✓	✓	✓	
partition-slot-based-rate-limit-length-ms	Total length in milliseconds across all slots of a partition-based rate limit.	Shared	60000	✓		✓	
partition-slot-based-rate-limit-slots	Number of slots per partition-based rate limit. Null means no slot-based rate limit.	Shared		✓		✓	
pre-request-delay-ms	Pre-request delay in milliseconds per request.	Shared	0	✓	✓	✓	
requested-page-size	Preferred number of rows to exchange per round trip; only effective on limited platforms such as AFAS Online.	Shared		✓	✓	✓	
requests-parallel-max	Maximum number of parallel data requests from individual partitions on the data container.	Shared	32	✓	✓	✓	
scopes	Space-separated and case-sensitive list of scope for OAuth only. Leave empty for all available scopes.	Teamleader Focus		✓		✓	✓
simulate-http-400-errors-percentage	Percentage of simulated HTTP 400 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-400-errors	Simulate HTTP 400 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-401-errors-percentage	Percentage of simulated HTTP 401 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-401-errors	Simulate HTTP 401 errors when exchanging results with the HTTP end-		False	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
	point.						
simulate-http-403-errors-percentage	Percentage of simulated HTTP 403 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-403-errors	Simulate HTTP 403 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-408-errors-percentage	Percentage of simulated HTTP 408 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-408-errors	Simulate HTTP 408 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-429-errors-percentage	Percentage of simulated HTTP 429 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-429-errors	Simulate HTTP 429 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-500-errors-percentage	Percentage of simulated HTTP 500 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-500-errors	Simulate HTTP 500 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-502-errors-percentage	Percentage of simulated HTTP 502 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-502-errors	Simulate HTTP 502 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-503-errors-percentage	Percentage of simulated HTTP 503 errors when exchanging results with the HTTP endpoint.		0	✓	✓	✓	
simulate-http-503-errors	Simulate HTTP 503 errors when exchanging results with the HTTP endpoint.		False	✓	✓	✓	
simulate-http-504-errors-percentage	itgen_pae_simulate_http_504_errors_percentage		0	✓	✓	✓	
simulate-http-504-errors	itgen_pae_simulate_http_504_errors		False	✓	✓	✓	
simulate-http-522-errors-percentage	itgen_pae_simulate_http_522_errors_percentage		0	✓	✓	✓	
simulate-http-522-errors	itgen_pae_simulate_http_522_errors		False	✓	✓	✓	
simulate-http-524-errors-percentage	itgen_pae_simulate_http_524_errors_percentage		0	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Con-nec-tion String	Set from Set SQL-State-ment	Set from Driver s File	Set from Log On
simulate-http-524-er-rors	itgen_pae_simulate_http_524_errors		False	✓	✓	✓	
simulate-http-pro-tocol-errors-per-centage	Percentage of simulated HTTP pro-tocol errors w hen exchanging res-ults w ith the HTTP endpoint.		0	✓	✓	✓	
simulate-http-pro-tocol-errors	Simulate HTTP protocol errors w hen exchanging results w ith the HTTP endpoint.		False	✓	✓	✓	
simulate-http-timeout-errors-per-centage	Percentage of simulated HTTP timeout errors w hen exchanging results w ith the HTTP endpoint.		0	✓	✓	✓	
simulate-http-timeout-errors	Simulate HTTP timeout errors w hen exchanging results w ith the HTTP endpoint..		False	✓	✓	✓	
slot-based-rate-limit-length-ms	Total length in milliseconds across all slots of a slot-based rate limit.	Shared	60000	✓		✓	
slot-based-rate-limit-slots	Number of slots of a slot-based rate limit. Null means no slot-based rate limit.	Shared		✓		✓	
standardize-identifi-ers-casing	Rew rite all identifiers to the recom-mended standard platform-specific casing w hen changing a data model on a case-dependent platform.	Shared	True	✓	✓	✓	
standardize-identifi-ers	Rew rite all identifiers to the pre-ferred standards as configured by standardize-identifiers-casing and maximum-length-identifiers.	Shared	True	✓	✓	✓	
use-batch-insert	Whether to use batch insert.	OData	True	✓	✓	✓	
use-http-disk-cache-read	Whether to use HTTP responses from previous queries stored on disk to answ er the current query.	Shared	False	✓	✓	✓	
use-http-disk-cache-w rite	Whether to memorize HTTP re-sponses on disk.	Shared	False	✓	✓	✓	
use-http-memory-cache-read	Whether to use HTTP responses from previous queries stored in memory that can answ er the current query.	OData	True	✓	✓	✓	
use-http-memory-cache-w rite	Whether to memorize HTTP re-sponses from previous queries for use by future queries.	OData	True	✓	✓	✓	

3 Schema: CodeValues

3.1 Tables

3.1.1 Custom_Field_Types: Teamleader Focus Domain Custom_Field_Types

Lookup-table that translates code values of the domain 'Custom_Field_Types' into descrip-tions.

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Catalog: Teamleader

Schema: CodeValues

Label: Domain Custom_Field_Types

Example: The code value 'call' means 'Call'.

Retrieve: true

View Columns

The columns of the view Custom_Field_Types are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
code	string(240)	Code	☑	Unique code w ithin the domain.
description	string(240)	Description	☐	Meaning of the unique code w ithin the domain.
domain	string(240)	Domain	☑	Each domain defines a map of codes to values.
resource_code	string(240)	Resource Code	☐	Resource code for international-ization.

Values

Code	Description
call	Call
company	Company
contact	Contact
invoice	Invoice
meeting_report	Meeting report
meeting	Meeting
milestone	Milestone
pro_external_cost	Purchase sheet
product	Product
project_thirdparty	Party in project
project	Project
sale	Deal
subscription	Subscription
ticket	Ticket
todo	Task
w erkbonnen	Service sheet

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4 Schema: CustomFields

4.1 Tables

4.1.1 Custom_Fields_All: Teamleader Focus All Custom Fields

Catalog: Teamleader

Schema: CustomFields

Label: All Custom Fields

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view Custom_Fields_All are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
field_group	string	Group	☐	
field_id	int32	ID	☑	
field_name	string	Name	☐	
field_type	string	Type	☐	
type_code	string(240)	Code	☑	Unique code within the domain.
type_description	string(240)	Description	☐	Meaning of the unique code within the domain.

5 Schema: Native

5.1 Tables

5.1.1 NATIVEPLATFORMSCALARREQUESTS: Teamleader Focus Native Platform Scalar Requests

{res:itgen_native_platform_scalar_requests_desc}

Catalog: Teamleader

Schema: Native

Alias: `npt`

Label: Native Platform Scalar Requests

Documentation:

The NativePlatformScalarRequests table provides direct access to the native API protocol over an established connection to the Teamleader Focus API server. It will contain a new row for every row inserted with a native API request in PAYLOAD_TEXT with the results of un-altered forwarding of the payload to the Teamleader Focus API server.

Retrieve: true

Insert: true

Update: false

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Delete: false

View Columns

The columns of the view NATIVEPLATFORMSCALARREQUESTS are shown below. Each column has an SQL data type. A new non-null value must be provided for every required column at all times during insert.

Name	Data Type	Label	Required	Documentation
BLOB_PREFERRED	boolean	BLOB Preferred	☑	Indicator whether a BLOB result is preferred over text.
BOL_RESPONSE_CACHE_MAX_AGE_SEC	int32	Response Cache Maximum Age (sec)	☐	Maximum age in seconds of Bridge Online response cache entries to be used.
CONTENT_TYPE	string(240)	Content Type	☐	
DATE_ENDED	datetime	End Date	☑	
DATE_STARTED	datetime	Start Date	☑	
DRY_RUN	boolean	Run without Actions	☑	
DURATION_MS	int64	Duration (ms)	☑	
ERROR_MESSAGE_CODE	string(30)	Error Message Code	☐	
ERROR_MESSAGE_TEXT	string(32000)	Error Message Text	☐	
FAIL_ON_ERROR	boolean	Fail on Error	☑	Whether to raise an exception when processing the native request triggered an error from the provider.
HTTP_DISK_CACHE_MAX_AGE_SEC	int32	HTTP Disk Cache Maximum Age (sec)	☐	Maximum age in seconds of HTTP disk cache entries to be used.
HTTP_DISK_CACHE_SAVE	boolean	Save HTTP Disk Cache	☐	Whether results can be stored in HTTP disk cache.
HTTP_DISK_CACHE_USE	boolean	Use HTTP Disk Cache	☐	Whether results can be fetched from HTTP disk cache.
HTTP_MEMORY_CACHE_MAX_AGE_SEC	int32	HTTP Memory Cache Maximum Age (sec)	☐	Maximum age in seconds of HTTP memory cache entries to be used.
HTTP_MEMORY_CACHE_SAVE	boolean	Save HTTP Memory Cache	☐	Whether results can be stored in HTTP memory cache.
HTTP_MEMORY_CACHE_USE	boolean	Use HTTP Memory Cache	☐	Whether results can be fetched from HTTP memory cache.
HTTP_METHOD	string(30)	HTTP Method	☐	
HTTP_STATUS_CODE	int32	HTTP Status Code	☐	
ORIG_SYSTEM_GROUP	string(4000)	Original System Group	☐	
ORIG_SYSTEM_REFERENCE	string(4000)	Original System Reference	☐	
PAYLOAD_TEXT	string	Payload	☐	
RESULT_BLOB	byte[]	Result BLOB	☐	
RESULT_DATE_TIME_UTC	datetime	Result Date Time	☐	
RESULT_NUMBER	decimal	Result Number	☐	
RESULT_TEXT	string	Result Text	☐	

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Name	Data Type	Label	Required	Documentation
SUCCESSFUL	boolean	Succesful	☑	
TIMEOUT_SEC	int32	Timeout (sec)	☐	Timeout in seconds.
TRANSACTION_ID	int64	Transaction ID	☑	Incrementing ID of the transaction.
URL	string(4000)	URL	☐	

6 Schema: V1

6.1 Tables

6.1.1 all_deal_phase_changes: Teamleader Focus All Deal Phase Changes

Catalog: Teamleader

Schema: V1

Primary Keys: deal_id

Label: All Deal Phase Changes

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function all_deal_phase_changes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
date_from	datetime	☑		
date_to	datetime	☑		

Columns of Table Function

The columns of the table function all_deal_phase_changes are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
change_date_formatted	string(20)	Change Date (Formatted)	☐	
change_date	datetime	Change Date	☐	
deal_id	int32	Deal ID	☐	
new_phase_id	int32	New Phase ID	☐	
old_phase_id	int32	Old Phase ID	☐	
related_user_id	int32	Related User ID	☐	

6.1.2 bookkeeping_accounts: Teamleader Focus Bookkeeping Accounts

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Bookkeeping Accounts

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function bookkeeping_accounts. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
sys_department_id	string	☑		

Columns of Table Function

The columns of the table function bookkeeping_accounts are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
account	string	Account	☐	

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Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name_fr	string	Name (French)	☐	
name_nl	string	Name (Dutch)	☐	
name	string	Name	☐	

6.1.3 business_types: Teamleader Focus Business Types

Catalog: Teamleader

Schema: V1

Label: Business Types

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function business_types. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
country	string	☑		

Columns of Table Function

The columns of the table function business_types are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
name	string	Name	☐	

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6.1.4 call_custom_field_values_by_id: Teamleader Focus Call Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Call Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function call_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
call_id	int32	☑		

Columns of Table Function

The columns of the table function call_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.5 call: Teamleader Focus Call

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Call

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function call. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
call_id	int32	☑		

Columns of Table Function

The columns of the table function call are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
call_outcome_name	string	Call Outcome Name	☐	
date_hour	string	Time of Day	☐	
description	string	Description	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
id	int32	ID	☑	
user_id	int32	User ID	☐	

6.1.6 calls: Teamleader Focus Calls

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Calls

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-

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ter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function calls. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
date_from	datetime	☐		Select entries occuring on or after the indicated date.
date_to	datetime	☐		Select entries occuring before the indicated date.
project_id	int32	☐		Select only entries related to the indicated project.

Columns of Table Function

The columns of the table function calls are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
gsm	string	Mobile Phone	☐	
id	int32	ID	☑	
related_milestone_id	int32	Related Milestone ID	☐	
related_project_id	int32	Related Project ID	☐	
telephone	string	Telephone	☐	
user_id	int32	User ID	☐	
user_name	string	User Name	☐	

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6.1.7 companies: Teamleader Focus Companies

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Companies

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function companies. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
filter_by_tag	string	☐		Select only contacts with this tag.
modifiedsince	datetime	☐		Select contacts modified and/or added since this timestamp.
searchby	string	☐		A search string. Teamleader Focus will try to match each part of the string to the forename, surname, company name and email address.
segment_id	decimal	☐		Select contacts with this segment ID.
selected_customfields	string	☐		Comma-separated list of the IDs of the custom fields you wish to select with a maximum of 10.

Columns of Table Function

The columns of the table function companies are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
bic	string	BIC Number	☐	

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Name	Data Type	Label	Required	Documentation
business_type	string	Business Type	☐	
city	string	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	boolean	Deleted	☑	
email	string	Email	☐	
fax	string	Fax	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
name	string	Name	☐	
number	string	Number	☐	
payment_term	string	Payment Term	☐	
status	string	Status	☐	
street	string	Street	☐	
taxcode	string	Tax Code	☐	
telephone	string	Telephone	☐	
vat_liability	string	VAT Liability	☐	
w ebsite	string	Website	☐	
zipcode	string(30)	ZIP Code	☐	

6.1.8 company_array: Teamleader Focus Companies

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Companies

Documentation:

Set of array values for a company.

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function company_array. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined

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behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	decimal	☑		

Columns of Table Function

The columns of the table function company_array are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
account_manager_id	int32	Account Manager ID	☐	
background_info_html	string	Background Information (HTML)	☐	
bic	string	BIC Number	☐	
c_array_id_list	string		☐	
c_array_id	int32		☑	Unique number identifying the custom field value.
c_array_value_list	string		☐	
c_array_value	string		☑	Description of the custom field value.
c_transport_2020_number	int32		☐	
city	string	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
deleted	boolean	Deleted	☑	
delivery_address_address_name	string	Delivery Address Address Name	☐	
delivery_address_city	string	Delivery Address City	☐	
delivery_address_country	string	Delivery Address Country	☐	
delivery_address_number	string	Delivery Address Number	☐	
delivery_address_street	string	Delivery Address Street	☐	
delivery_address_zipcode	string	Delivery Address ZIP Code	☐	
email	string	Email	☐	

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Name	Data Type	Label	Required	Documentation
external_customer_id	string	External Customer ID	☐	
fax	string	Fax	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
invoice_email_address	string	Invoice Email Address	☐	
invoicing_address_address_name	string	Invoicing Address Address name	☐	
invoicing_address_city	string	Invoicing Address City	☐	
invoicing_address_country	string	Invoicing Address Country	☐	
invoicing_address_number	string	Invoicing Address Number	☐	
invoicing_address_street	string	Invoicing Address Street	☐	
invoicing_address_zipcode	string	Invoicing Address ZIP Code	☐	
kvk_nummer	string	Chamber of Commerce Number	☐	
language_code	string	Language Code	☐	
local_business_number	string	Local Business Number	☐	
name	string	Name	☐	
number	string	Number	☐	
payment_term	string	Payment Term	☐	
pricelist_id	int32	Pricelist ID	☐	
sector_name	string	Sector Name	☐	
street	string	Street	☐	
taxcode	string	Tax Code	☐	
telephone	string	Telephone	☐	
vat_liability	string	VAT Liability	☐	
visiting_address_address_name	string	Visiting Address Address Name	☐	
visiting_address_city	string	Visiting Address City	☐	
visiting_address_country	string	Visiting Address Country	☐	
visiting_address_number	string	Visiting Address Number	☐	
visiting_address_street	string	Visiting Address Street	☐	
visiting_address_zipcode	string	Visiting Address ZIP Code	☐	
website	string	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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6.1.9 company_custom_field_values_by_id: Teamleader Focus Company Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Company Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function company_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	decimal	☑		

Columns of Table Function

The columns of the table function company_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.10 company: Teamleader Focus Company

Catalog: Teamleader

Schema: V1

Primary Keys: id

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Label: Company

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function company. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	decimal	☑		

Columns of Table Function

The columns of the table function company are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
account_manager_id	int32	Account Manager ID	☐	
background_info_html	string	Background Information (HTML)	☐	
bic	string	BIC Number	☐	
c_array_id_list	string		☐	
c_array_value_list	string		☐	
c_regio_id	int32		☐	
c_regio_value	string		☐	
c_test_id	int32		☐	
c_test_value	string		☐	
c_transport_2020_number	int32		☐	
city	string	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
deleted	boolean	Deleted	☑	

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Name	Data Type	Label	Required	Documentation
delivery_address_address_name	string	Delivery Address Address Name	☐	
delivery_address_city	string	Delivery Address City	☐	
delivery_address_country	string	Delivery Address Country	☐	
delivery_address_number	string	Delivery Address Number	☐	
delivery_address_street	string	Delivery Address Street	☐	
delivery_address_zipcode	string	Delivery Address ZIP Code	☐	
email	string	Email	☐	
external_customer_id	string	External Customer ID	☐	
fax	string	Fax	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
invoice_email_address	string	Invoice Email Address	☐	
invoicing_address_address_name	string	Invoicing Address Address name	☐	
invoicing_address_city	string	Invoicing Address City	☐	
invoicing_address_country	string	Invoicing Address Country	☐	
invoicing_address_number	string	Invoicing Address Number	☐	
invoicing_address_street	string	Invoicing Address Street	☐	
invoicing_address_zipcode	string	Invoicing Address ZIP Code	☐	
kvk_nummer	string	Chamber of Commerce Number	☐	
language_code	string	Language Code	☐	
local_business_number	string	Local Business Number	☐	
name	string	Name	☐	
number	string	Number	☐	
payment_term	string	Payment Term	☐	
pricelist_id	int32	Pricelist ID	☐	
sector_name	string	Sector Name	☐	
street	string	Street	☐	
taxcode	string	Tax Code	☐	
telephone	string	Telephone	☐	
vat_liability	string	VAT Liability	☐	
visiting_address_address_name	string	Visiting Address Address Name	☐	
visiting_address_city	string	Visiting Address City	☐	

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Name	Data Type	Label	Required	Documentation
visiting_address_country	string	Visiting Address Country	☐	
visiting_address_number	string	Visiting Address Number	☐	
visiting_address_street	string	Visiting Address Street	☐	
visiting_address_zipcode	string	Visiting Address ZIP Code	☐	
w ebsite	string	Website	☐	
zipcode	string(30)	ZIP Code	☐	

6.1.11 contact_array: Teamleader Focus Contacts

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Contacts

Documentation:

Set of array values for a contact.

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function contact_array. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_id	decimal	☑		

Columns of Table Function

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The columns of the table function contact_array are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Information (HTML)	☐	
bic	string(15)	BIC Number	☐	
c_activiteit_en	string		☐	
c_array_id_list	string		☐	
c_array_id	int32		☑	Unique number identifying the custom field value.
c_array_value_list	string		☐	
c_array_value	string		☑	Description of the custom field value.
city	string(70)	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	int32	Deleted	☐	
delivery_address_address_name	string	Delivery Address Address Name	☐	
delivery_address_city	string	Delivery Address City	☐	
delivery_address_country	string	Delivery Address Country	☐	
delivery_address_number	string	Delivery Address Number	☐	
delivery_address_street	string	Delivery Address Street	☐	
delivery_address_zipcode	string	Delivery Address ZIP Code	☐	
dob	datetime	Date of Birth	☐	
email	string(100)	Email	☐	
external_customer_id	string	External Customer ID	☐	
fax	string(30)	Fax	☐	
forename	string(60)	First Name	☐	
gender	string	Gender	☐	
gsm	string(30)	Mobile Phone	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
invoicing_address_address_name	string	Invoicing Address Address name	☐	
invoicing_address_city	string	Invoicing Address City	☐	
invoicing_address_country	string	Invoicing Address Country	☐	
invoicing_address_number	string	Invoicing Address Number	☐	

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Name	Data Type	Label	Required	Documentation
invoicing_address_street	string	Invoicing Address Street	☐	
invoicing_address_zipcode	string	Invoicing Address ZIP Code	☐	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
linked_company_ids	string	Linked Company IDs	☐	
number	string(12)	Number	☐	
salutation	string	Salutation	☐	
street	string(120)	Street	☐	
surname	string(120)	Last Name	☐	
telephone	string(30)	Telephone	☐	
visiting_address_address_name	string	Visiting Address Address Name	☐	
visiting_address_city	string	Visiting Address City	☐	
visiting_address_country	string	Visiting Address Country	☐	
visiting_address_number	string	Visiting Address Number	☐	
visiting_address_street	string	Visiting Address Street	☐	
visiting_address_zipcode	string	Visiting Address ZIP Code	☐	
website	string(100)	Website	☐	
zipcode	string(30)	ZIP Code	☐	

6.1.12 contact_company_relations: Teamleader Focus Contacts Company Relations

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Contacts Company Relations

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function contact_company_relations are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	int32	Company ID	☐	
contact_id	int32	Contact ID	☐	

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Name	Data Type	Label	Required	Documentation
function	string	Function	☐	
id	int32	ID	☑	

6.1.13 contact_custom_field_values_by_id: Teamleader Focus Contact Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Contact Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function contact_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_id	decimal	☑		

Columns of Table Function

The columns of the table function contact_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

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6.1.14 contact: Teamleader Focus Contact

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Contact

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function contact. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_id	decimal	☑		

Columns of Table Function

The columns of the table function contact are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Information (HTML)	☐	
bic	string(15)	BIC Number	☐	
c_activiteit_en	string		☐	
c_array_id_list	string		☐	
c_array_value_list	string		☐	
c_backup_verkoper_employee_id	int32		☐	
c_bijnaam	string		☐	
c_eerst_tekst_dan_getal	string		☐	
c_geslacht_uitgebreid_id	int32		☐	
c_geslacht_uitgebreid_value	string		☐	

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Name	Data Type	Label	Required	Documentation
c_rare_ee_u	string		☐	
c_test_contact_contact_id	int32		☐	
c_test_lang_clob	string		☐	
c_test_product_product_id	int32		☐	
c_verkoper_employee_id	int32		☐	
city	string(70)	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	int32	Deleted	☐	
delivery_address_address_name	string	Delivery Address Address Name	☐	
delivery_address_city	string	Delivery Address City	☐	
delivery_address_country	string	Delivery Address Country	☐	
delivery_address_number	string	Delivery Address Number	☐	
delivery_address_street	string	Delivery Address Street	☐	
delivery_address_zipcode	string	Delivery Address ZIP Code	☐	
dob	datetime	Date of Birth	☐	
email	string(100)	Email	☐	
external_customer_id	string	External Customer ID	☐	
fax	string(30)	Fax	☐	
forename	string(60)	First Name	☐	
gender	string	Gender	☐	
gsm	string(30)	Mobile Phone	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
invoicing_address_address_name	string	Invoicing Address Address name	☐	
invoicing_address_city	string	Invoicing Address City	☐	
invoicing_address_country	string	Invoicing Address Country	☐	
invoicing_address_number	string	Invoicing Address Number	☐	
invoicing_address_street	string	Invoicing Address Street	☐	
invoicing_address_zipcode	string	Invoicing Address ZIP Code	☐	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
linked_company_ids	string	Linked Company IDs	☐	

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Name	Data Type	Label	Required	Documentation
number	string(12)	Number	☐	
salutation	string	Salutation	☐	
street	string(120)	Street	☐	
surname	string(120)	Last Name	☐	
telephone	string(30)	Telephone	☐	
visiting_address_address_name	string	Visiting Address Address Name	☐	
visiting_address_city	string	Visiting Address City	☐	
visiting_address_country	string	Visiting Address Country	☐	
visiting_address_number	string	Visiting Address Number	☐	
visiting_address_street	string	Visiting Address Street	☐	
visiting_address_zipcode	string	Visiting Address ZIP Code	☐	
w ebsite	string(100)	Website	☐	
zipcode	string(30)	ZIP Code	☐	

6.1.15 contacts_by_company: Teamleader Focus Contacts by Company

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Contacts by Company

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function contacts_by_company. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
company_id	decimal	☑		

Columns of Table Function

The columns of the table function contacts_by_company are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
decision_maker	boolean	Decision Maker	☑	
email	string	Email	☐	
function	string	Function	☐	
gsm	string	Mobile Phone	☐	
id	int32	ID	☑	
name	string	Name	☐	
telephone	string	Telephone	☐	

6.1.16 contacts: Teamleader Focus Contacts

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Contacts

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function contacts. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
filter_by_tag	string	☐		Select only contacts with this tag.
modifiedsince	datetime	☐		Select contacts modified and/or added since this timestamp.
searchby	string	☐		A search string. Teamleader Focus will try to match each part of the string to the forename, surname, company name and email address.
segment_id	decimal	☐		Select contacts with this segment ID.
selected_customfields	string	☐		Comma-separated list of the IDs of the custom fields you wish to select with a maximum of 10.

Columns of Table Function

The columns of the table function contacts are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
bic	string(15)	BIC Number	☐	
city	string(70)	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	int32	Deleted	☐	
dob	datetime	Date of Birth	☐	
email	string(100)	Email	☐	
fax	string(30)	Fax	☐	
forename	string(60)	First Name	☐	
gender	string	Gender	☐	
gsm	string(30)	Mobile Phone	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
number	string(12)	Number	☐	
salutation	string	Salutation	☐	
status	string	Status	☐	
street	string(120)	Street	☐	
surname	string(120)	Last Name	☐	
telephone	string(30)	Telephone	☐	
website	string(100)	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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6.1.17 cost_per_km: Teamleader Focus Cost per Kilometre

Catalog: Teamleader

Schema: V1

Label: Cost per Kilometre

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table cost_per_km are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cost_per_km	float	Cost per Kilometre	☐	

6.1.18 creditnote_by_number_items: Teamleader Focus Items on Credit Invoice by Number

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Items on Credit Invoice by Number

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function creditnote_by_number_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
creditnote_nr	int32	☑		

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Name	Data Type	Required	Default Value	Documentation
fiscal_year_label	string	☑		
sys_department_id	int32	☑		

Columns of Table Function

The columns of the table function creditnote_by_number_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
comments	string	Comments	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
items_account	string		☐	
items_amount	float		☐	
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
paid	int32	Paid	☐	
related_invoice_id	int32	Related Invoice ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

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6.1.19 creditnote_by_number: Teamleader Focus Credit Invoice by Number

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Credit Invoice by Number

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function creditnote_by_number. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
creditnote_nr	int32	☑		
fiscal_year_label	string	☑		
sys_department_id	int32	☑		

Columns of Table Function

The columns of the table function creditnote_by_number are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
comments	string	Comments	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	

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Name	Data Type	Label	Required	Documentation
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
paid	int32	Paid	☐	
related_invoice_id	int32	Related Invoice ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.20 creditnote_items: Teamleader Focus Credit Invoice Items

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Credit Invoice Items

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function creditnote_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
creditnote_id	int32	☑		

Columns of Table Function

The columns of the table function creditnote_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
comments	string	Comments	☐	

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Name	Data Type	Label	Required	Documentation
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_excl_vat_by_vat_rate	string	Discounts excl. VAT by VAT Rate	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
items_account	string		☐	
items_amount	float		☐	
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
paid	boolean	Paid	☑	
related_invoice_id	int32	Related Invoice ID	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.21 creditnote: Teamleader Focus Credit Invoice

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Credit Invoice

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-

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ter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function creditnote. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
creditnote_id	int32	☑		

Columns of Table Function

The columns of the table function creditnote are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
comments	string	Comments	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_excl_vat_by_vat_rate	string	Discounts excl. VAT by VAT Rate	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
paid	boolean	Paid	☑	
related_invoice_id	int32	Related Invoice ID	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

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6.1.22 creditnotes_by_project: Teamleader Focus Credit Invoices by Project

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Credit Invoices by Project

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function creditnotes_by_project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_draft_invoices	int32	☐	1	
project_id	int32	☑		

Columns of Table Function

The columns of the table function creditnotes_by_project are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
id	int32	ID	☑	

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Name	Data Type	Label	Required	Documentation
name	string	Name	☐	
paid	boolean	Paid	☑	
related_invoice_id	int32	Related Invoice ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.23 creditnotes: Teamleader Focus Credit Invoices

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Credit Invoices

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function creditnotes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
date_from	datetime	☑	01/01/0001 00:00:00	
date_to	datetime	☑	01/01/9999 00:00:00	
deep_search	int32	☐	1	The default 1 selects both invoices related to the contact, but also for linked companies. 0 selects only invoices related to the contact.
selected_customfields	string	☐		Comma-separated list of the IDs of the custom fields you wish to select with a maximum of 10.

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Columns of Table Function

The columns of the table function creditnotes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
id	int32	ID	☑	
name	string	Name	☐	
paid	boolean	Paid	☑	
related_invoice_id	int32	Related Invoice ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.24 custom_field_options: Teamleader Focus Custom Field Options

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Custom Field Options

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function custom_field_options. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
custom_field_id	int32	☑		ID of the custom field.

Columns of Table Function

The columns of the table function custom_field_options are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
for	string	Concerns	☐	
id	int32	ID	☑	
key	string	Key	☐	
name	string	Name	☐	
type	string	Type	☐	
value	string	Value	☐	

6.1.25 custom_field: Teamleader Focus Custom Field

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Custom Field

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function custom_field. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
custom_field_id	int32	☑		ID of the custom field.

Columns of Table Function

The columns of the table function custom_field are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
for	string	Concerns	☐	
id	int32	ID	☑	
name	string	Name	☐	
type	string	Type	☐	

6.1.26 custom_fields: Teamleader Focus Custom Fields

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Custom Fields

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function custom_fields. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
for	string	☑		Selects custom fields of a specific type: 'contact', 'company', 'sale', 'project', 'invoice', 'ticket', 'milestone', 'todo' or 'meeting'.

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Columns of Table Function

The columns of the table function custom_fields are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
for	string	Concerns	☐	
group	string	Group	☐	
id	int32	ID	☑	
name	string	Name	☐	
type	string	Type	☐	

6.1.27 days_off_by_user: Teamleader Focus Days Off by User

Catalog: Teamleader

Schema: V1

Label: Days Off by User

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function days_off_by_user. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
user_id	int32	☑		
year	int32	☑		

Columns of Table Function

The columns of the table function days_off_by_user are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
approved	string	Approved	☐	
date	string	Date	☐	
duration_hours	decimal	Duration (hours)	☐	
type	string	Type	☐	

6.1.28 days_off: Teamleader Focus Days Off

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Days Off

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function days_off. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
year	int32	☑		

Columns of Table Function

The columns of the table function days_off are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date	string	Date	☑	
id	int32	ID	☑	

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6.1.29 deal_custom_field_values_by_id: Teamleader Focus Deal Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Deal Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deal_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	decimal	☑		

Columns of Table Function

The columns of the table function deal_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.30 deal_items: Teamleader Focus Deal Items

Catalog: Teamleader

Schema: V1

Label: Deal Items

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deal_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	decimal	☑		

Columns of Table Function

The columns of the table function deal_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
close_date_formatted	string(20)	Close Date (Formatted)	☐	
close_date	datetime	Close Date	☐	
date_last_activity_formatted	string(20)	Last Activity (Formatted)	☐	
date_last_activity	datetime	Last Activity	☐	
date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
date_lost	datetime	Date Lost	☐	
date_won_formatted	string(20)	Date Won (Formatted)	☐	
date_won	datetime	Date Won	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
entry_date	datetime	Entry Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
item_account	string	Item Account	☐	
item_amount	decimal	Item Amount	☐	
item_line_total_excl_vat	float	Item Line Total excl. VAT	☐	

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Name	Data Type	Label	Required	Documentation
item_line_total_incl_vat	float	Item Line Total incl. VAT	☐	
item_price_per_unit	decimal	Item Price per Unit	☐	
item_product_id	int32	Item Product ID	☐	
item_subtitle	string	Item Subtitle	☐	
item_text	string	Item Text	☐	
item_vat_rate	string(4)	Item VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
offerte_nr	int32	Quotation Number	☐	
optional_contact_person_id	int32	Optional Contact Person ID	☐	
phase_id	int32	Phase ID	☐	
probability	int32	Probability	☐	
quotation_file_id	int32	Quotation File ID	☐	
quotation_nr	int32	Quotation Number	☐	
reason_refused	string	Reason Refused	☐	
responsible_user_id	int32	Responsible User ID	☐	
source_id	int32	Source ID	☐	
title	string(120)	Title	☐	
total_price_excl_vat	decimal	Total Price excl. VAT	☐	

6.1.31 deal_phase_changes: Teamleader Focus Deal Phase Changes

Catalog: Teamleader

Schema: V1

Label: Deal Phase Changes

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deal_phase_changes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a

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pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	decimal	☑		

Columns of Table Function

The columns of the table function deal_phase_changes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
change_date_formatted	string(20)	Change Date (Formatted)	☐	
change_date	datetime	Change Date	☐	
new _phase_id	int32	New Phase ID	☐	
old_phase_id	int32	Old Phase ID	☐	
related_user_id	int32	Related User ID	☐	

6.1.32 deal_phases: Teamleader Focus Deal Phases

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Deal Phases

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table deal_phases are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name	string	Name	☐	

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6.1.33 deal_sources: Teamleader Focus Deal Sources

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Deal Sources

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table deal_sources are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name	string	Name	☐	

6.1.34 deal: Teamleader Focus Deal

Catalog: Teamleader

Schema: V1

Label: Deal

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deal. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
deal_id	decimal	☑		

Columns of Table Function

The columns of the table function deal are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_omzetw aarde_volgens_meth-ode_2_amount	decimal		☐	
c_success	string		☐	
close_date_formatted	string(20)	Close Date (Format-ted)	☐	
close_date	datetime	Close Date	☐	
date_last_activity_formatted	string(20)	Last Activity (Format-ted)	☐	
date_last_activity	datetime	Last Activity	☐	
date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
date_lost	datetime	Date Lost	☐	
date_w on_formatted	string(20)	Date Won (Formatted)	☐	
date_w on	datetime	Date Won	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
entry_date	datetime	Entry Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☐	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
offerte_nr	int32	Quotation Number	☐	
optional_contact_person_id	int32	Optional Contact Per-son ID	☐	
phase_id	int32	Phase ID	☐	
probability	int32	Probability	☐	
quotation_file_id	int32	Quotation File ID	☐	
quotation_nr	int32	Quotation Number	☐	
reason_refused	string	Reason Refused	☐	
responsible_user_id	int32	Responsible User ID	☐	
source_id	int32	Source ID	☐	
title	string(120)	Title	☐	
total_price_excl_vat	decimal	Total Price excl. VAT	☐	

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6.1.35 deals_by_contact_or_company: Teamleader Focus Deals by Contact or Company

Catalog: Teamleader

Schema: V1

Label: Deals by Contact or Company

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deals_by_contact_or_company. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_or_company_id	decimal	☑		ID of the client of the indicated type.
contact_or_company	string	☑		Select prepaid information related to the indicated client type. Possible values are null, 'contact' or 'company'.

Columns of Table Function

The columns of the table function deals_by_contact_or_company are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
deal_id	int32	Deal ID	☐	
phase_id	int32	Phase ID	☐	

6.1.36 deals_by_project: Teamleader Focus Deals by Project

Catalog: Teamleader

Schema: V1

Primary Keys: deal_id

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Label: Deals by Project

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deals_by_project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	decimal	☑		

Columns of Table Function

The columns of the table function deals_by_project are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
deal_id	int32	Deal ID	☐	

6.1.37 deals: Teamleader Focus Deals

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Deals

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function deals. A value must be provided at all times for required parameters, but optional parameters in gen-

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eral do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
filter_by_phase_id	decimal	☐		Select only deals with this phase ID.
searchby	string	☐		Selects deals matching this search string.
segment_id	decimal	☐		Select deals with this segment ID.
selected_customfields	string	☐		Comma-separated list of the IDs of the custom fields you wish to select with a maximum of 10.

Columns of Table Function

The columns of the table function deals are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
close_date_formatted	string(20)	Close Date (Formatted)	☐	
close_date	datetime	Close Date	☐	
date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
date_lost	datetime	Date Lost	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
entry_date	datetime	Entry Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
phase_id	int32	Phase ID	☐	
probability	int32	Probability	☐	
quotation_nr	int32	Quotation Number	☐	
reason_refused	string	Reason Refused	☐	
responsible_user_id	int32	Responsible User ID	☐	

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Name	Data Type	Label	Required	Documentation
source_id	int32	Source ID	☐	
title	string(120)	Title	☐	
total_price_excl_vat	decimal	Total Price excl. VAT	☐	

6.1.38 departments: Teamleader Focus Departments

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Departments

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table departments are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name	string	Name	☐	

6.1.39 file_contents: Teamleader Focus Download File

Catalog: Teamleader

Schema: V1

Label: Download File

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function file_contents. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
file_id	int32	☑		ID of the file.

Columns of Table Function

The columns of the table function file_contents are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
reason	string	Reason	☐	
signed_download_url	string	Signed Download URL	☐	
status	string	Status	☐	

6.1.40 file_information: Teamleader Focus File Information

Catalog: Teamleader

Schema: V1

Label: File Information

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function file_information. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
file_id	int32	☑		ID of the file.

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Columns of Table Function

The columns of the table function file_information are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_last_edited_formatted	string(20)	Last Edited (Formatted)	☐	
date_last_edited	datetime	Last Edited	☐	
filename	string	File Name	☐	
filesize_bytes	int32	File Size (bytes)	☐	
folder	string	Folder	☐	
related_object_id	int32	Related Object ID	☐	
related_object_type	string	Related Object Type	☐	
uploader_client_id	int32	Uploader Client ID	☐	

6.1.41 files: Teamleader Focus Files

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Files

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function files. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
folder_name	string	☐		Selects only files in the indicated folder.
object_id	int32	☑		ID of the object of indicated type.

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Name	Data Type	Required	Default Value	Documentation
object_type	string	☑		Selects only notes for a specific type. Default is null. Other possible values are: 'contact', 'company' or 'sale'.

Columns of Table Function

The columns of the table function files are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_last_edited	datetime	Last Edited	☐	
filename	string	File Name	☐	
filesize_bytes	int32	File Size (bytes)	☐	
id	int32	ID	☑	

6.1.42 invoice_by_number_items: Teamleader Focus Invoice Items by Invoice Number

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice Items by Invoice Number

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_by_number_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
fiscal_year_label	string	☑		
invoice_nr	int32	☑		

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Name	Data Type	Required	Default Value	Documentation
sys_department_id	int32	☑		

Columns of Table Function

The columns of the table function invoice_by_number_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booked	boolean	Booked	☑	
comments	string	Comments	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	int32	Invoice Number	☐	
items_account	string		☐	
items_amount	float		☐	
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	

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Name	Data Type	Label	Required	Documentation
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.43 invoice_by_number: Teamleader Focus Invoice by Number

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice by Number

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_by_number. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
fiscal_year_label	string	☑		
invoice_nr	int32	☑		
sys_department_id	int32	☑		

Columns of Table Function

The columns of the table function invoice_by_number are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booked	boolean	Booked	☑	
comments	string	Comments	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	

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Name	Data Type	Label	Required	Documentation
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	int32	Invoice Number	☐	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.44 invoice_by_ogm_items

Catalog: Teamleader

Schema: V1

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_by_ogm_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
ogm	string	☑		

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Columns of Table Function

The columns of the table function invoice_by_ogm_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booked	boolean	Booked	☑	
comments	string	Comments	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	int32	Invoice Number	☐	
items_account	string		☐	
items_amount	float		☐	
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

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6.1.45 invoice_by_ogm: Teamleader Focus Invoice by OGM

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice by OGM

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_by_ogm. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
ogm	string	☑		

Columns of Table Function

The columns of the table function invoice_by_ogm are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booked	boolean	Booked	☑	
comments	string	Comments	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	

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Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	int32	Invoice Number	☐	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.46 invoice_custom_field_values_by_id: Teamleader Focus Invoice Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

Columns of Table Function

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The columns of the table function invoice_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.47 invoice_items: Teamleader Focus Invoice Items

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice Items

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

Columns of Table Function

The columns of the table function invoice_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booked	boolean	Booked	☑	
client_name	string	Client Name	☐	

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Name	Data Type	Label	Required	Documentation
comments	string	Comments	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_excl_vat_by_vat_rate	string	Discounts excl. VAT by VAT Rate	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_attention_of	string	For Attention of	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	int32	Invoice Number	☐	
invoice_on_hold	boolean	Invoice is on Hold	☑	
item_account	string	Item Account	☐	
item_amount	float	Item Amount	☐	
item_line_total_excl_vat	float	Item Line Total excl. VAT	☐	
item_line_total_incl_vat	float	Item Line Total incl. VAT	☐	
item_price_per_unit	float	Item Price per Unit	☐	
item_product_id	int32	Item Product ID	☐	
item_subtitle	string	Item Subtitle	☐	
item_text	string	Item Text	☐	
item_vat_rate	string(4)	Item VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

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6.1.48 invoice_reminder_template_content_by_invoice

Catalog: Teamleader

Schema: V1

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_reminder_template_content_by_invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		
template_id	int32	☑		

Columns of Table Function

The columns of the table function invoice_reminder_template_content_by_invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
subject	string	Subject	☐	
text	string	Text	☐	

6.1.49 invoice_reminder_templates_by_invoice: Teamleader Focus Invoice Reminder Templates

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice Reminder Templates

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoice_reminder_templates_by_invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

Columns of Table Function

The columns of the table function invoice_reminder_templates_by_invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name	string	Name	☐	
subject	string	Subject	☐	
text	string	Text	☐	

6.1.50 invoice: Teamleader Focus Invoice

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoice

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

Columns of Table Function

The columns of the table function invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booked	boolean	Booked	☑	
c_ookpernotaris_flag	boolean		☐	
client_name	string	Client Name	☐	
comments	string	Comments	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_attention_of	string	For Attention of	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	int32	Invoice Number	☐	
invoice_on_hold	boolean	Invoice is on Hold	☑	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	

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Name	Data Type	Label	Required	Documentation
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.51 invoices_by_deal: Teamleader Focus Invoices by Deal

Catalog: Teamleader

Schema: V1

Label: Invoices by Deal

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoices_by_deal. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	decimal	☑		

Columns of Table Function

The columns of the table function invoices_by_deal are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
related_invoice_ids	string	Related Invoice IDs	☐	

6.1.52 invoices_by_project: Teamleader Focus Invoices by Project

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoices by Project

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoices_by_project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_draft_invoices	int32	☐	1	
project_id	int32	☑		

Columns of Table Function

The columns of the table function invoices_by_project are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
id	int32	ID	☑	
incasso_interest_amount	float	Collection Interest Amount	☐	
incasso_recall_costs	float		☐	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	string	Invoice Number	☐	
name	string	Name	☐	
paid	boolean	Paid	☑	

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Name	Data Type	Label	Required	Documentation
structured_communication	string	Structured Communication	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.53 invoices_by_subscription: Teamleader Focus Invoices by Subscription

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoices by Subscription

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoices_by_subscription. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
subscription_id	int32	☑		

Columns of Table Function

The columns of the table function invoices_by_subscription are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
generated_invoice_ids	string	Generated Invoice IDs	☐	

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6.1.54 invoices: Teamleader Focus Invoices

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Invoices

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function invoices. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
date_from	datetime	☑	01/01/0001 00:00:00	
date_to	datetime	☑	01/01/9999 00:00:00	
deep_search	int32	☐	1	The default 1 selects both invoices related to the contact, but also for linked companies. 0 selects only invoices related to the contact.
selected_customfields	string	☐		Comma-separated list of the IDs of the custom fields you wish to select with a maximum of 10.

Columns of Table Function

The columns of the table function invoices are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	

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Name	Data Type	Label	Required	Documentation
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
for_attention_of	string	For Attention of	☐	
id	int32	ID	☑	
incasso_interest_amount	float	Collection Interest Amount	☐	
incasso_recall_costs	float		☐	
invoice_nr	int32	Invoice Number	☐	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
name	string	Name	☐	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communic-ation	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.55 meeting_attending_external: Teamleader Focus Meeting Attendees (External)

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Meeting Attendees (External)

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function meeting_attending_external. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
meeting_id	int32	☑		

Columns of Table Function

The columns of the table function meeting_attending_external are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
attending_external_email	string	Attending External Email	☐	
attending_external_gsm	string	Attending External Mobile Phone	☐	
attending_external_name	string	Attending External Name	☐	
attending_external_telephone	string	Attending External Telephone	☐	
attending_external_user_id	int32	Attending External User ID	☐	
canceller_id	int32	Canceller ID	☐	
creator_id	int32	Creator ID	☐	
date_added_formatted	string(20)	Date Added (Formatted)	☐	
date_added	datetime	Date Added	☐	
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
date_timestamp	datetime	Timestamp	☐	
duration_minutes	decimal	Duration (minutes)	☐	
id	int32	ID	☑	
location_detailed_company	string	Location Detailed Company	☐	
location_detailed_contact	string	Location Detailed Contact	☐	
location_detailed_type	string	Location Detailed Type	☐	
location	string	Location	☐	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	
related_sale_id	int32	Related Sale ID	☐	
title	string	Title	☐	

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6.1.56 meeting_attending_internal: Teamleader Focus Meeting Attendees (Internal)

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Meeting Attendees (Internal)

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function meeting_attending_internal. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
meeting_id	int32	☑		

Columns of Table Function

The columns of the table function meeting_attending_internal are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
attending_internal_email	string	Attending Internal Email	☐	
attending_internal_gsm	string	Attending Internal Mobile Phone	☐	
attending_internal_name	string	Attending Internal Name	☐	
attending_internal_telephone	string	Attending Internal Telephone	☐	
attending_internal_user_id	int32	Attending Internal User ID	☐	
canceller_id	int32	Canceller ID	☐	
creator_id	int32	Creator ID	☐	

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Name	Data Type	Label	Required	Documentation
date_added_formatted	string(20)	Date Added (Formatted)	☐	
date_added	datetime	Date Added	☐	
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
date_timestamp	datetime	Timestamp	☐	
duration_minutes	decimal	Duration (minutes)	☐	
id	int32	ID	☑	
location_detailed_company	string	Location Detailed Company	☐	
location_detailed_contact	string	Location Detailed Contact	☐	
location_detailed_type	string	Location Detailed Type	☐	
location	string	Location	☐	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	
related_sale_id	int32	Related Sale ID	☐	
title	string	Title	☐	

6.1.57 meeting_custom_field_values_by_id: Teamleader Focus Meeting Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Meeting Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function meeting_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
meeting_id	int32	☑		

Columns of Table Function

The columns of the table function meeting_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.58 meeting: Teamleader Focus Meeting

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Meeting

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function meeting. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
meeting_id	int32	☑		

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Columns of Table Function

The columns of the table function meeting are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_geredenmetauto_flag	boolean		☐	
canceller_id	int32	Canceller ID	☐	
creator_id	int32	Creator ID	☐	
date_added_formatted	string(20)	Date Added (Formatted)	☐	
date_added	datetime	Date Added	☐	
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
date_timestamp	datetime	Timestamp	☐	
duration_minutes	decimal	Duration (minutes)	☐	
id	int32	ID	☑	
location_detailed_company	string	Location Detailed Company	☐	
location_detailed_contact	string	Location Detailed Contact	☐	
location_detailed_type	string	Location Detailed Type	☐	
location	string	Location	☐	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	
related_sale_id	int32	Related Sale ID	☐	
title	string	Title	☐	

6.1.59 meetings: Teamleader Focus Meetings

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Meetings

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function meetings. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
date_from	datetime	☐		Select entries occuring on or after the indicated date.
date_to	datetime	☐		Select entries occuring before the indicated date.
project_id	int32	☐		Select only entries related to the indicated project.

Columns of Table Function

The columns of the table function meetings are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
date_timestamp	datetime	Timestamp	☐	
duration_minutes	decimal	Duration (minutes)	☐	
id	int32	ID	☑	
related_milestone_id	int32	Related Milestone ID	☐	
related_project_id	int32	Related Project ID	☐	
title	string	Title	☐	

6.1.60 milestone_custom_field_values_by_id: Teamleader Focus Milestone Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Milestone Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function milestone_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
milestone_id	int32	☑		ID of the milestone to select.

Columns of Table Function

The columns of the table function milestone_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.61 milestone: Teamleader Focus Milestone

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Milestone

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function milestone. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
milestone_id	int32	☑		ID of the milestone to select.

Columns of Table Function

The columns of the table function milestone are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_type	string	Billing Type	☐	
budget	double	Budget	☐	
c_strategisch_flag	boolean		☐	
due_date	string	Due Date	☐	
finished	boolean	Finished	☑	
id	int32	ID	☑	
invoiceable	boolean	Invoiceable	☑	
project_id	int32	Project ID	☐	
responsible_user_id	int32	Responsible User ID	☐	
title	string	Title	☐	

6.1.62 milestones_by_project: Teamleader Focus Milestones by Project

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Milestones by Project

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function milestones_by_project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a

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pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_custom_fields_milestones	int32	☐	1	The default 1 includes custom fields for the milestones. Set to 0 to exclude custom fields.
include_details	int32	☐	1	The default 1 includes timetracking statistics. Set to 0 to exclude timetracking statistics.
project_id	int32	☑		ID of the project to select milestones for.

Columns of Table Function

The columns of the table function milestones_by_project are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_type	string	Billing Type	☐	
budget	double	Budget	☐	
closed	boolean	Closed	☑	
due_date	datetime	Due Date	☐	
id	int32	ID	☑	
responsible_user_id	int32	Responsible User ID	☐	
tasks_time_overrun_minutes	decimal	Tasks Time Overrun (Minutes)	☐	
tasks_time_remaining_minutes	decimal	Tasks Time Remaining (Minutes)	☐	
time_tracked_minutes	decimal	Time Tracked (Minutes)	☐	
title	string	Title	☐	

6.1.63 notes: Teamleader Focus Notes

Catalog: Teamleader

Schema: V1

Label: Notes

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function notes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
object_id	int32	☑		ID of the object of indicated type.
object_type	string	☑		Selects only notes for a specific type. Default is null. Other possible values are: 'contact', 'company' or 'sale'.

Columns of Table Function

The columns of the table function notes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date	datetime	Date	☐	
long_description	string	Long Description	☐	
short_description	string	Short Description	☐	
type	string	Type	☐	

6.1.64 pdf_credit_invoice: Teamleader Focus Credit Invoice (PDF)

Catalog: Teamleader

Schema: V1

Label: Credit Invoice (PDF)

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function pdf_credit_invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
creditnote_id	int32	☑		

Columns of Table Function

The columns of the table function pdf_credit_invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
content	byte[]	Content	☐	

6.1.65 pdf_invoice: Teamleader Focus Invoice (PDF)

Catalog: Teamleader

Schema: V1

Label: Invoice (PDF)

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function pdf_invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

Columns of Table Function

The columns of the table function pdf_invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
content	byte[]	Content	☐	

6.1.66 planned_tasks: Teamleader Focus Planned Tasks

Catalog: Teamleader

Schema: V1

Primary Keys: todo_id

Label: Planned Tasks

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function planned_tasks. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
date_from	datetime	☑		Select entries occuring on or after the indicated date.
date_to	datetime	☑		Select entries occuring before the indicated date.

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Name	Data Type	Required	Default Value	Documentation
project_id	int32	☐		Select only entries related to the indicated project.
user_id	int32	☐		Select only entries by the indicated user.

Columns of Table Function

The columns of the table function planned_tasks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
duration_minutes	decimal	Duration (minutes)	☐	
project_id	int32	Project ID	☐	
startdate_formatted	string(20)	Start Date (Formatted)	☐	
startdate	datetime	Start Date	☐	
todo_id	int32	To Do ID	☐	
user_id	int32	User ID	☐	

6.1.67 prepaid_info: Teamleader Focus Prepaid Information

Catalog: Teamleader

Schema: V1

Label: Prepaid Information

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function prepaid_info. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
contact_or_company_id	int32	☑		ID of the client of the indicated type.
contact_or_company	string	☑		Select prepaid information related to the indicated client type. Possible values are null, 'contact' or 'company'.

Columns of Table Function

The columns of the table function prepaid_info are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
hourly_rate	string	Hourly Rate	☐	
prepaid_money_left	float	Prepaid Money Left	☐	
pricing_type	string	Pricing Type	☐	

6.1.68 product_custom_field_values_by_id: Teamleader Focus Product Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Product Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function product_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_all_custom_fields	boolean	☐	True	

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Name	Data Type	Required	Default Value	Documentation
include_photos	boolean	☐	True	
product_id	int32	☑		

Columns of Table Function

The columns of the table function product_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.69 product_prices: Teamleader Focus Product Prices

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Product Prices

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function product_prices. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_all_custom_fields	boolean	☐	True	
include_photos	boolean	☐	True	
product_id	int32	☑		

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Columns of Table Function

The columns of the table function product_prices are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_edited	datetime	Date Edited	☐	
description	string	Description	☐	
external_id	string	External ID	☐	
id	int32	ID	☑	
inv_account_id	int32	Invoice Account ID	☐	
min_stock	int32	Minimum Stock	☐	
name	string	Name	☐	
prices_name	string		☐	
prices_price_excl_vat	float		☐	
prices_price_incl_vat	float		☐	
stock	int32	Stock	☐	
vat	string	VAT	☐	

6.1.70 product_suppliers: Teamleader Focus Product Suppliers

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Product Suppliers

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function product_suppliers. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
include_all_custom_fields	boolean	☐	True	
include_photos	boolean	☐	True	
product_id	int32	☑		

Columns of Table Function

The columns of the table function product_suppliers are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_edited	datetime	Date Edited	☐	
description	string	Description	☐	
external_id	string	External ID	☐	
id	int32	ID	☑	
inv_account_id	int32	Invoice Account ID	☐	
min_stock	int32	Minimum Stock	☐	
name	string	Name	☐	
stock	int32	Stock	☐	
suppliers_id	int32		☐	
suppliers_is_main_supplier	int32		☐	
suppliers_name	string		☐	
suppliers_purchase_price	float		☐	
suppliers_supplier_product_code	string		☐	
suppliers_type	string		☐	
vat	string	VAT	☐	

6.1.71 product: Teamleader Focus Product

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Product

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function product. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour.

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Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_all_custom_fields	boolean	☐	True	
include_photos	boolean	☐	True	
product_id	int32	☑		

Columns of Table Function

The columns of the table function product are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_artikeltext	string		☐	
date_edited	datetime	Date Edited	☐	
description	string	Description	☐	
external_id	string	External ID	☐	
id	int32	ID	☑	
inv_account_id	int32	Invoice Account ID	☐	
min_stock	int32	Minimum Stock	☐	
name	string	Name	☐	
stock	int32	Stock	☐	
vat	string	VAT	☐	

6.1.72 products: Teamleader Focus Products

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Products

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function products. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
modifiedsince	datetime	☐		Select products modified and/or added since this date.
searchby	string	☐		A search string.

Columns of Table Function

The columns of the table function products are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booking_account_id	int32	Booking Account ID	☐	
booking_account	string	Booking Account	☐	
date_formatted	string(20)	Date (Formatted)	☐	
external_id	string	External ID	☐	
id	int32	ID	☑	
name	string	Name	☐	
price_value	float	Price Value	☐	
stock	int32	Stock	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
vat	string	VAT	☐	

6.1.73 project_array: Teamleader Focus Projects

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Projects

Documentation:

Set of array values for a project.

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function project_array. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	decimal	☑		

Columns of Table Function

The columns of the table function project_array are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
budget_indication	double	Budget Indication	☐	
budget_spent_external	double	Budget Spent External	☐	
budget_spent_internal	double	Budget Spent Internal	☐	
c_array_id_list	string		☐	
c_array_id	int32		☑	Unique number identifying the custom field value.
c_array_value_list	string		☐	
c_array_value	string		☑	Description of the custom field value.
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
description_html	string	Description (HTML)	☐	
id	int32	ID	☑	
phase	string	Phase	☐	
project_nr	int32	Project Number	☐	
start_date_formatted	string(20)	Start Date (Formatted)	☐	
start_date	datetime	Start Date	☐	

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Name	Data Type	Label	Required	Documentation
title	string	Title	☐	

6.1.74 project_custom_field_values_by_id: Teamleader Focus Project Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Project Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function project_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	decimal	☑		

Columns of Table Function

The columns of the table function project_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

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6.1.75 project: Teamleader Focus Project

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Project

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	decimal	☑		

Columns of Table Function

The columns of the table function project are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
budget_indication	double	Budget Indication	☐	
budget_spent_external	double	Budget Spent External	☐	
budget_spent_internal	double	Budget Spent Internal	☐	
c_array_id_list	string		☐	
c_array_value_list	string		☐	
c_betaling_project_id	int32		☐	
c_betaling_project_value	string		☐	
c_budget_volgende_fase	string		☐	
c_dealnummer	string		☐	
c_fase_id	int32		☐	
c_fase_value	string		☐	

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Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
description_html	string	Description (HTML)	☐	
id	int32	ID	☑	
phase	string	Phase	☐	
project_nr	int32	Project Number	☐	
start_date_formatted	string(20)	Start Date (Formatted)	☐	
start_date	datetime	Start Date	☐	
title	string	Title	☐	

6.1.76 projects_by_client: Teamleader Focus Projects by Client

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Projects by Client

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function projects_by_client. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_or_company_id	int32	☑		ID of the client of the indicated type.
contact_or_company	string	☑		Select prepaid information related to the indicated client type. Possible values are null, 'contact' or 'company'.
deep_search	int32	☐	1	
show_inactive_projects	int32	☐	1	

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Columns of Table Function

The columns of the table function projects_by_client are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cf_value_id	int32		☐	
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
id	int32	ID	☑	
phase	string	Phase	☐	
title	string	Title	☐	

6.1.77 projects: Teamleader Focus Projects

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Projects

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function projects. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
searchby	string	☐		A search string.
selected_customfields	string	☐		Comma-separated list of the IDs of the custom fields you wish to select with a maximum of 10.

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Name	Data Type	Required	Default Value	Documentation
show_active_only	int32	☐	0	The default 0 selects all projects; when 1 only active projects will be selected.

Columns of Table Function

The columns of the table function projects are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
phase	string	Phase	☐	
start_date_formatted	string(20)	Start Date (Formatted)	☐	
start_date	datetime	Start Date	☐	
title	string	Title	☑	

6.1.78 related_parties_by_project: Teamleader Focus Related Parties by Project

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Related Parties by Project

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function related_parties_by_project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	decimal	☑		

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Columns of Table Function

The columns of the table function related_parties_by_project are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
email	string	Email	☐	
group	string	Group	☐	
id	int32	ID	☑	
name	string	Name	☐	
role	string	Role	☐	
telephone	string	Telephone	☐	
type	string	Type	☐	

6.1.79 related_subscriptions_by_invoice: Teamleader Focus Related Subscriptions by Invoice

Catalog: Teamleader

Schema: V1

Primary Keys: subscription_id

Label: Related Subscriptions by Invoice

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function related_subscriptions_by_invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

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Columns of Table Function

The columns of the table function related_subscriptions_by_invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
subscription_id	int32	Subscription ID	☐	
subscription_title	string	Subscription Title	☐	

6.1.80 segments: Teamleader Focus Segments

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Segments

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function segments. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
object_type	string	☑		

Columns of Table Function

The columns of the table function segments are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name	string	Name	☐	

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Name	Data Type	Label	Required	Documentation
num_matches	int32	Number of Matches	☐	

6.1.81 subscription_custom_field_values_by_id: Teamleader Focus Subscription Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Subscription Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function subscription_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
subscription_id	int32	☑		

Columns of Table Function

The columns of the table function subscription_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

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6.1.82 subscription_items: Teamleader Focus Subscription Items

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Subscription Items

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function subscription_items. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
subscription_id	int32	☑		

Columns of Table Function

The columns of the table function subscription_items are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	boolean	Active	☑	
date_end_formatted	string(20)	Date End (Formatted)	☐	
date_end	datetime	Date End	☐	
date_start_formatted	string(20)	Date Start (Formatted)	☐	
date_start	datetime	Date Start	☐	
department_id	int32	Department ID	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
items_account	string		☐	
items_amount	float		☐	

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Name	Data Type	Label	Required	Documentation
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
next_renewal_date_formatted	string(20)	Next Renewal Date (Formatted)	☐	
next_renewal_date	datetime	Next Renewal Date	☐	
repeat	string	Repeat	☐	
title	string	Title	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.83 subscription: Teamleader Focus Subscription

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Subscription

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function subscription. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
subscription_id	int32	☑		

Columns of Table Function

The columns of the table function subscription are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	boolean	Active	☑	
c_abonnementtext	string		☐	
date_end_formatted	string(20)	Date End (Formatted)	☐	
date_end	datetime	Date End	☐	
date_start_formatted	string(20)	Date Start (Formatted)	☐	
date_start	datetime	Date Start	☐	
department_id	int32	Department ID	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
next_renew al_date_formatted	string(20)	Next Renew al Date (Formatted)	☐	
next_renew al_date	datetime	Next Renew al Date	☐	
repeat	string	Repeat	☐	
title	string	Title	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.84 subscriptions_by_contact_or_company: Teamleader Focus Subscription by Contact or Company

Catalog: Teamleader

Schema: V1

Label: Subscription by Contact or Company

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function subscriptions_by_contact_or_company. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_or_company_id	decimal	☑		ID of the client of the indicated type.
contact_or_company	string	☑		Select prepaid information related to the indicated client type. Possible values are null, 'contact' or 'company'.

Columns of Table Function

The columns of the table function subscriptions_by_contact_or_company are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	

6.1.85 subscriptions_by_deal: Teamleader Focus Subscription by Deal

Catalog: Teamleader

Schema: V1

Label: Subscription by Deal

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function subscriptions_by_deal. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four para-

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meters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	decimal	☑		

Columns of Table Function

The columns of the table function subscriptions_by_deal are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
related_subscription_ids	string	Related Subscription IDs	☐	

6.1.86 subscriptions: Teamleader Focus Subscriptions

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Subscriptions

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function subscriptions. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
searchby	string	☐		

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Columns of Table Function

The columns of the table function subscriptions are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	boolean	Active	☑	
client_name	string	Client Name	☐	
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_end_formatted	string(20)	Date End (Formatted)	☐	
date_end	datetime	Date End	☐	
date_start_formatted	string(20)	Date Start (Formatted)	☐	
date_start	datetime	Date Start	☐	
department_id	int32	Department ID	☐	
department_name	string	Department Name	☐	
id	int32	ID	☑	
next_renew al_date_formatted	string(20)	Next Renew al Date (Formatted)	☐	
next_renew al_date	datetime	Next Renew al Date	☐	
repeat	string	Repeat	☐	
title	string	Title	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

6.1.87 tags: Teamleader Focus Tags

Catalog: Teamleader

Schema: V1

Label: Tags

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table tags are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
190171	string		☐	

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6.1.88 task_custom_field_values_by_id: Teamleader Focus Task Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Task Custom Field Values by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function task_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
task_id	int32	☑		

Columns of Table Function

The columns of the table function task_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.89 task_multipleselection

Catalog: Teamleader

Schema: V1

Documentation:

Set of MultipleSelection values for a task.

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function task_multipleselection. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
task_id	int32	☑		

Columns of Table Function

The columns of the table function task_multipleselection are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_autoincrement_counter	int32		☐	
c_company_company_id	int32		☐	
c_date_date	datetime		☐	
c_emailaddress_email	string		☐	
c_integer_number	int32		☐	
c_maximale_waarde_amount	decimal		☐	
c_multipleselection_id_list	string		☐	
c_multipleselection_id	int32		☑	Unique number identifying the custom field value.
c_multipleselection_value_list	string		☐	
c_multipleselection_value	string		☑	Description of the custom field value.
client_id	int32	Client ID	☐	
client_name	string	Client Name	☐	
client_type	string	Client Type	☐	
creator_name	string	Creator Name	☐	
date_finished_formatted	string(20)	Date Finished (Formatted)	☐	

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Name	Data Type	Label	Required	Documentation
date_finished	datetime	Date Finished	☐	
deleted	boolean	Deleted	☑	
description	string	Description	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
estimated_time_required	int32	Estimated Time Required	☐	
estimated_time_used	int32	Estimated Time Used	☐	
finished	boolean	Finished	☑	
milestone_name	string	Milestone Name	☐	
priority	string	Priority	☐	
project_id	int32	Project ID	☐	
project_name	string	Project Name	☐	
related_ticket_id	int32	Related Ticket ID	☐	
responsible_users_team_id	int32	Responsible Users Team ID	☐	
responsible_users_users	string	Responsible Users	☐	
type_id	int32	Type ID	☐	

6.1.90 task_types: Teamleader Focus Task Types

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Task Types

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table task_types are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
name	string	Name	☐	

6.1.91 task: Teamleader Focus Task

Catalog: Teamleader

Schema: V1

Label: Task

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function task. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
task_id	int32	☑		

Columns of Table Function

The columns of the table function task are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_autoincrement_counter	int32		☐	
c_company_company_id	int32		☐	
c_date_date	datetime		☐	
c_emailaddress_email	string		☐	
c_integer_number	int32		☐	
c_maximale_waarde_amount	decimal		☐	
c_multipleselection_id_list	string		☐	
c_multipleselection_value_list	string		☐	
c_number_number	decimal		☐	
c_phonenumber_phone	string		☐	
c_singlelinetext	string		☐	
c_singleselection_id	int32		☐	
c_singleselection_value	string		☐	
c_url_url	string		☐	
c_yesno_flag	boolean		☐	
client_id	int32	Client ID	☐	
client_name	string	Client Name	☐	

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Name	Data Type	Label	Required	Documentation
client_type	string	Client Type	☐	
creator_name	string	Creator Name	☐	
date_finished_formatted	string(20)	Date Finished (Formatted)	☐	
date_finished	datetime	Date Finished	☐	
deleted	boolean	Deleted	☑	
description	string	Description	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
estimated_time_required	int32	Estimated Time Required	☐	
estimated_time_used	int32	Estimated Time Used	☐	
finished	boolean	Finished	☑	
milestone_name	string	Milestone Name	☐	
priority	string	Priority	☐	
project_id	int32	Project ID	☐	
project_name	string	Project Name	☐	
related_ticket_id	int32	Related Ticket ID	☐	
responsible_users_team_id	int32	Responsible Users Team ID	☐	
responsible_users_users	string	Responsible Users	☐	
type_id	int32	Type ID	☐	

6.1.92 tasks_by_milestone: Teamleader Focus Tasks by Milestone

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Tasks by Milestone

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function tasks_by_milestone. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four para-

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meters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
milestone_id	int32	☑		ID of the milestone to select.

Columns of Table Function

The columns of the table function tasks_by_milestone are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
done	boolean	Done	☑	
due_date	datetime	Due Date	☐	
estimated_total_time_minutes	decimal	Estimated Total Time (Minutes)	☐	
id	int32	ID	☑	
owner_name	string	Owner Name	☐	
priority	string	Priority	☐	
task_type	string	Task Type	☐	
time_remaining_minutes	decimal	Time Remaining (Minutes)	☐	
time_tracked_minutes	decimal	Time Tracked (Minutes)	☐	

6.1.93 tasks: Teamleader Focus Tasks

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Tasks

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function tasks. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Val-

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ues can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
user_id	int32	☐		

Columns of Table Function

The columns of the table function tasks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
id	int32	ID	☑	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	

6.1.94 team: Teamleader Focus Team

Catalog: Teamleader

Schema: V1

Label: Team

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function team. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
team_id	int32	☑		

Columns of Table Function

The columns of the table function team are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
team_leader_id	int32	Team Leader ID	☐	
team_name	string	Team Name	☐	

6.1.95 teams: Teamleader Focus Teams

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Teams

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table teams are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
team_leader_id	int32	Team Leader ID	☐	
team_leader_name	string	Team Leader Name	☐	
team_name	string	Team Name	☐	

6.1.96 ticket_custom_field_values_by_id: Teamleader Focus Ticket Custom Field Values by ID

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Ticket Custom Field Values by ID

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ticket_custom_field_values_by_id. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
return_detailed_timetracking	int32	☐	1	
ticket_id	int32	☑		

Columns of Table Function

The columns of the table function ticket_custom_field_values_by_id are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
key	int32	Key	☑	
position	int32	Position	☐	
value	string	Value	☐	

6.1.97 ticket_message: Teamleader Focus Ticket Message

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Ticket Message

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ticket_message. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
message_id	int32	☑		

Columns of Table Function

The columns of the table function ticket_message are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
from_id	int32	From ID	☐	
from	string	From	☐	
id	int32	ID	☑	
internal_message	boolean	Internal Message	☑	
message_raw	string	Message (Raw)	☐	
message	string	Message	☐	
ticket_id	int32	Ticket ID	☐	

6.1.98 ticket_messages: Teamleader Focus Ticket Messages

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Ticket Messages

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ticket_messages. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
include_internal_message	int32	☐	1	
include_third_party_message	int32	☐	1	
ticket_id	int32	☑		

Columns of Table Function

The columns of the table function ticket_messages are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
from_id	int32	From ID	☐	
from	string	From	☐	
id	int32	ID	☑	
internal_message	boolean	Internal Message	☑	
message	string	Message	☐	

6.1.99 ticket_soort_incident

Catalog: Teamleader

Schema: V1

Primary Keys: id

Documentation:

Set of Soort incident values for a ticket.

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-

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ter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ticket_soort_incident. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
return_detailed_timetracking	int32	☐	1	
ticket_id	int32	☑		

Columns of Table Function

The columns of the table function ticket_soort_incident are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Information (HTML)	☐	
c_escalatie_flag	boolean		☐	
c_soort_incident_id_list	string		☐	
c_soort_incident_id	int32		☑	Unique number identifying the custom field value.
c_soort_incident_value_list	string		☐	
c_soort_incident_value	string		☑	Description of the custom field value.
date_closed	datetime	Date Closed	☐	
date_created	datetime	Date Created	☐	
deleted	boolean	Deleted	☑	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
optional_company_id	int32	Optional Company ID	☐	
responsible_user_id	int32	Responsible User ID	☐	
status	string(150)	Status	☐	

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Name	Data Type	Label	Required	Documentation
subject	string(500)	Subject	☐	

6.1.100 ticket: Teamleader Focus Ticket

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Ticket

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ticket. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
return_detailed_timetracking	int32	☐	1	
ticket_id	int32	☑		

Columns of Table Function

The columns of the table function ticket are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Information (HTML)	☐	
c_escalatie_flag	boolean		☐	
c_soort_incident_id_list	string		☐	
c_soort_incident_value_list	string		☐	
date_closed	datetime	Date Closed	☐	

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Name	Data Type	Label	Required	Documentation
date_created	datetime	Date Created	☐	
deleted	boolean	Deleted	☑	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
optional_company_id	int32	Optional Company ID	☐	
responsible_user_id	int32	Responsible User ID	☐	
status	string(150)	Status	☐	
subject	string(500)	Subject	☐	

6.1.101 tickets: Teamleader Focus Open Tickets

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Open Tickets

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function tickets. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
contact_or_company_id	int32	☐		ID of the client of the indicated type.
contact_or_company	string	☐		Select prepaid information related to the indicated client type. Possible values are null, 'contact' or 'company'.
deep_search	int32	☐	1	The default 1 selects both tickets related to the contact, but also

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Name	Data Type	Required	Default Value	Documentation
				for linked companies. 0 selects only tickets related to the contact.
project_id	int32	☐		Selects only tickets related to the project with this ID.
type	string	☐	not_closed	The default 'not_closed' selects all open tickets. Possible values are: 'new', 'open', 'waiting_for_client', 'escalated_thirdparty', 'not_closed', 'closed'.

Columns of Table Function

The columns of the table function tickets are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_created	datetime	Date Created	☐	
description	string	Description	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
responsible_sys_client_id	int32		☐	
status	string(150)	Status	☐	
subject	string(500)	Subject	☐	
time_spent	string	Time Spent	☐	

6.1.102 timetracking_entries_for_task: Teamleader Focus Time Tracking for Task

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Time Tracking for Task

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function timetracking_entries_for_task. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
task_id	int32	☑		

Columns of Table Function

The columns of the table function timetracking_entries_for_task are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
duration	decimal	Duration	☐	
id	int32	ID	☑	
is_invoiceable	boolean	Is Invoiceable?	☑	
user_id	int32	User ID	☐	

6.1.103 timetracking_entries: Teamleader Focus Time Tracking

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Time Tracking

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function timetracking_entries. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	int32	☐		Select only entries related to the indicated company.
contact_id	int32	☐		Select only entries related to the indicated contacts.
date_from	datetime	☑		Select entries occuring on or after the indicated date.
date_to	datetime	☑		Select entries occuring before the indicated date.
project_id	int32	☐		Select only entries related to the indicated project.
user_id	int32	☐		Select only entries by the indicated user.

Columns of Table Function

The columns of the table function timetracking_entries are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	int32	Company ID	☐	
contact_id	int32	Contact ID	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
description	string	Description	☐	
duration	decimal	Duration	☐	
employee_name	string	Employee Name	☐	
id	int32	ID	☑	
is_invoiceable	boolean	Is Invoiceable?	☑	
milestone_id	int32	Milestone ID	☐	
milestone_title	string	Milestone Title	☐	
project_id	int32	Project ID	☐	
project_title	string	Project Title	☐	
related_to_id	int32	Related to ID	☐	
related_to_type	string	Related to Type	☐	
ticket_id	int32	Ticket ID	☐	
user_id	int32	User ID	☐	

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6.1.104 timetracking_entry: Teamleader Focus Time Tracking Entry

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Time Tracking Entry

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function timetracking_entry. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
timetracking_id	int32	☑		

Columns of Table Function

The columns of the table function timetracking_entry are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	int32	Company ID	☐	
contact_id	int32	Contact ID	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
description	string	Description	☐	
duration	decimal	Duration	☐	
employee_name	string	Employee Name	☐	
id	int32	ID	☑	
is_invoiceable	boolean	Is Invoiceable?	☑	
milestone_id	int32	Milestone ID	☐	
milestone_title	string	Milestone Title	☐	

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Name	Data Type	Label	Required	Documentation
project_id	int32	Project ID	☐	
project_title	string	Project Title	☐	
related_to_id	int32	Related to ID	☐	
related_to_type	string	Related to Type	☐	
ticket_id	int32	Ticket ID	☐	
user_id	int32	User ID	☐	

6.1.105 timetracking_for_invoice: Teamleader Focus Time Tracking for Invoice

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Time Tracking for Invoice

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function timetracking_for_invoice. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
invoice_id	int32	☑		

Columns of Table Function

The columns of the table function timetracking_for_invoice are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date	datetime	Date	☐	
description	string	Description	☐	

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Name	Data Type	Label	Required	Documentation
duration	decimal	Duration	☐	
employee_name	string	Employee Name	☐	
hourly_cost	decimal	Hourly Cost	☐	
id	int32	ID	☑	
milestone_id	int32	Milestone ID	☐	
milestone_title	string	Milestone Title	☐	
type	string	Type	☐	

6.1.106 user_access: Teamleader Focus User Access

Catalog: Teamleader

Schema: V1

Label: User Access

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function user_access. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
user_id	int32	☑		ID of the user to select.

Columns of Table Function

The columns of the table function user_access are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
agenda_access_level	string	Agenda Access Level	☐	
companies	boolean	Companies	☑	

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Name	Data Type	Label	Required	Documentation
contacts	boolean	Contacts	☑	
deals	boolean	Deals	☑	
invoices	boolean	Invoices	☑	
products	boolean	Products	☑	
projects	boolean	Projects	☑	
settings	boolean	Settings	☑	
statistics	boolean	Statistics	☑	
subscriptions	boolean	Subscriptions	☑	
tickets	boolean	Tickets	☑	

6.1.107 users_on_project: Teamleader Focus Users on Project

Catalog: Teamleader

Schema: V1

Primary Keys: user_id

Label: Users on Project

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function users_on_project. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	decimal	☑		

Columns of Table Function

The columns of the table function users_on_project are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
role	string	Role	☐	
user_email	string	User Email	☐	
user_id	int32	User ID	☐	
user_name	string	User Name	☐	

6.1.108 users: Teamleader Focus Users

Catalog: Teamleader

Schema: V1

Primary Keys: id

Label: Users

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function users. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
show_inactive_users	int32	☐	1	The default 1 selects all users. When set to 0, only active users will be selected.

Columns of Table Function

The columns of the table function users are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	string	Active	☐	
email	string	Email	☐	

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Name	Data Type	Label	Required	Documentation
gsm	string	Mobile Phone	☐	
id	int32	ID	☑	
name	string	Name	☐	
team_id	int32	Team ID	☐	
telephone	string	Telephone	☐	
title	string	Title	☐	

7 Schema: V1Flat

7.1 Tables

7.1.1 CallsAll: Teamleader Focus Calls

Catalog: Teamleader

Schema: V1Flat

Label: Calls

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CallsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
call_outcome_name	string	Call Outcome Name	☐	
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
description	string	Description	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
gsm	string	Mobile Phone	☐	
id	int32	ID	☑	
related_milestone_id	int32	Related Milestone ID	☐	
related_project_id	int32	Related Project ID	☐	
telephone	string	Telephone	☐	
user_id	int32	User ID	☐	
user_name	string	User Name	☐	

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7.1.2 companies_arrayAll: Teamleader Focus Set of array values for a companies.

Catalog: Teamleader

Schema: V1Flat

Label: Set of array values for a companies.

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view companies_arrayAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
bic	string	BIC Number	☐	
business_type	string	Business Type	☐	
c_id	int32	Custom Field ID	☑	Unique number identifying the custom field value.
c_value	string	Custom Field Value	☑	Description of the custom field value.
city	string	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	boolean	Deleted	☑	
email	string	Email	☐	
fax	string	Fax	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
name	string	Name	☐	
number	string	Number	☐	
payment_term	string	Payment Term	☐	
status	string	Status	☐	
street	string	Street	☐	
taxcode	string	Tax Code	☐	
telephone	string	Telephone	☐	
vat_liability	string	VAT Liability	☐	
w ebsite	string	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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7.1.3 CompaniesAll: Teamleader Focus Companies

Catalog: Teamleader

Schema: V1Flat

Label: Companies

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CompaniesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
account_manager_id	int32	Account Manager ID	☐	
background_info_html	string	Background Information (HTML)	☐	
bic	string	BIC Number	☐	
business_type	string	Business Type	☐	
c_array_id_list	string		☐	
c_array_value_list	string		☐	
c_regio_id	int32		☐	
c_regio_value	string		☐	
c_test_id	int32		☐	
c_test_value	string		☐	
c_transport_2020_number	int32		☐	
city	string	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	boolean	Deleted	☑	
delivery_address_address_name	string	Delivery Address Address Name	☐	
delivery_address_city	string	Delivery Address City	☐	
delivery_address_country	string	Delivery Address Country	☐	
delivery_address_number	string	Delivery Address Number	☐	
delivery_address_street	string	Delivery Address Street	☐	
delivery_address_zipcode	string	Delivery Address ZIP Code	☐	
email	string	Email	☐	
external_customer_id	string	External Customer ID	☐	
fax	string	Fax	☐	

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Name	Data Type	Label	Required	Documentation
iban	string	IBAN Number	☐	
id	int32	ID	☑	
invoice_email_address	string	Invoice Email Address	☐	
invoicing_address_address_name	string	Invoicing Address Address name	☐	
invoicing_address_city	string	Invoicing Address City	☐	
invoicing_address_country	string	Invoicing Address Country	☐	
invoicing_address_number	string	Invoicing Address Number	☐	
invoicing_address_street	string	Invoicing Address Street	☐	
invoicing_address_zipcode	string	Invoicing Address ZIP Code	☐	
kvk_nummer	string	Chamber of Commerce Number	☐	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
local_business_number	string	Local Business Number	☐	
name	string	Name	☐	
number	string	Number	☐	
payment_term	string	Payment Term	☐	
pricelist_id	int32	Pricelist ID	☐	
sector_name	string	Sector Name	☐	
status	string	Status	☐	
street	string	Street	☐	
taxcode	string	Tax Code	☐	
telephone	string	Telephone	☐	
vat_liability	string	VAT Liability	☐	
visiting_address_address_name	string	Visiting Address Address Name	☐	
visiting_address_city	string	Visiting Address City	☐	
visiting_address_country	string	Visiting Address Country	☐	
visiting_address_number	string	Visiting Address Number	☐	
visiting_address_street	string	Visiting Address Street	☐	
visiting_address_zipcode	string	Visiting Address ZIP Code	☐	
website	string	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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7.1.4 contacts_arrayAll: Teamleader Focus Set of array values for a contacts.

Catalog: Teamleader

Schema: V1Flat

Label: Set of array values for a contacts.

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view contacts_arrayAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
bic	string(15)	BIC Number	☐	
c_id	int32	Custom Field ID	☑	Unique number identifying the custom field value.
c_value	string	Custom Field Value	☑	Description of the custom field value.
city	string(70)	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	int32	Deleted	☐	
dob	datetime	Date of Birth	☐	
email	string(100)	Email	☐	
fax	string(30)	Fax	☐	
forename	string(60)	First Name	☐	
gender	string	Gender	☐	
gsm	string(30)	Mobile Phone	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
number	string(12)	Number	☐	
salutation	string	Salutation	☐	
status	string	Status	☐	
street	string(120)	Street	☐	
surname	string(120)	Last Name	☐	
telephone	string(30)	Telephone	☐	
w ebsite	string(100)	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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7.1.5 ContactsAll: Teamleader Focus Contacts

Catalog: Teamleader

Schema: V1Flat

Label: Contacts

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ContactsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Information (HTML)	☐	
bic	string(15)	BIC Number	☐	
c_activiteit_en	string		☐	
c_array_id_list	string		☐	
c_array_value_list	string		☐	
c_backup_verkoper_employee_id	int32		☐	
c_bijnaam	string		☐	
c_eerst_tekst_dan_getal	string		☐	
c_geslacht_uitgebreid_id	int32		☐	
c_geslacht_uitgebreid_value	string		☐	
c_rare_ee_u	string		☐	
c_test_contact_contact_id	int32		☐	
c_test_lang_clob	string		☐	
c_test_product_product_id	int32		☐	
c_verkoper_employee_id	int32		☐	
city	string(70)	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	int32	Deleted	☐	
delivery_address_address_name	string	Delivery Address Address Name	☐	
delivery_address_city	string	Delivery Address City	☐	
delivery_address_country	string	Delivery Address Country	☐	
delivery_address_number	string	Delivery Address Number	☐	
delivery_address_street	string	Delivery Address Street	☐	
delivery_address_zipcode	string	Delivery Address ZIP Code	☐	

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Name	Data Type	Label	Required	Documentation
dob	datetime	Date of Birth	☐	
email	string(100)	Email	☐	
external_customer_id	string	External Customer ID	☐	
fax	string(30)	Fax	☐	
forename	string(60)	First Name	☐	
gender	string	Gender	☐	
gsm	string(30)	Mobile Phone	☐	
iban	string	IBAN Number	☐	
id	int32	ID	☑	
invoicing_address_address_name	string	Invoicing Address Address name	☐	
invoicing_address_city	string	Invoicing Address City	☐	
invoicing_address_country	string	Invoicing Address Country	☐	
invoicing_address_number	string	Invoicing Address Number	☐	
invoicing_address_street	string	Invoicing Address Street	☐	
invoicing_address_zipcode	string	Invoicing Address ZIP Code	☐	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
linked_company_ids	string	Linked Company IDs	☐	
number	string(12)	Number	☐	
salutation	string	Salutation	☐	
status	string	Status	☐	
street	string(120)	Street	☐	
surname	string(120)	Last Name	☐	
telephone	string(30)	Telephone	☐	
visiting_address_address_name	string	Visiting Address Address Name	☐	
visiting_address_city	string	Visiting Address City	☐	
visiting_address_country	string	Visiting Address Country	☐	
visiting_address_number	string	Visiting Address Number	☐	
visiting_address_street	string	Visiting Address Street	☐	
visiting_address_zipcode	string	Visiting Address ZIP Code	☐	
website	string(100)	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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7.1.6 CreditNoteItems

Catalog: Teamleader

Schema: V1Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CreditNoteItems are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
comments	string	Comments	☐	
creditnote_contact_or_company_id	int32	Contact or Company ID	☐	
creditnote_contact_or_company	string	Contact or Company	☐	
creditnote_creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_creditnote_nr	int32	Credit Note Number	☐	
creditnote_date_formatted	string(20)	Date (Formatted)	☐	
creditnote_date_paid	datetime	Date Paid	☐	
creditnote_date	datetime	Date	☐	
creditnote_due_date_formatted	string(20)	Due Date (Formatted)	☐	
creditnote_due_date	datetime	Due Date	☐	
creditnote_id	int32	ID	☑	
creditnote_name	string	Name	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
creditnote_paid	boolean	Paid	☑	
creditnote_related_invoice_id	int32	Related Invoice ID	☐	
creditnote_total_price_excl_vat	float	Total Price excl. VAT	☐	
creditnote_total_price_incl_vat	float	Total Price incl. VAT	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid_formatted	string(20)	Date Paid (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
discounts_excl_vat_by_vat_rate	string	Discounts excl. VAT by VAT Rate	☐	
discounts_on_vat_by_vat_rate_21	string		☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
items_account	string		☐	

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Name	Data Type	Label	Required	Documentation
items_amount	float		☐	
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
paid	boolean	Paid	☑	
related_invoice_id	int32	Related Invoice ID	☐	
sys_department_id	int32	Department ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.7 DealItemsAll: Teamleader Focus Deal Items

Catalog: Teamleader

Schema: V1Flat

Label: Deal Items

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealItemsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
close_date_formatted	string(20)	Close Date (Formatted)	☐	
close_date	datetime	Close Date	☐	
date_last_activity_formatted	string(20)	Last Activity (Formatted)	☐	
date_last_activity	datetime	Last Activity	☐	
date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
date_lost	datetime	Date Lost	☐	
date_won_formatted	string(20)	Date Won (Formatted)	☐	

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Name	Data Type	Label	Required	Documentation
date_won	datetime	Date Won	☐	
deal_close_date_formatted	string(20)	Close Date (Formatted)	☐	
deal_close_date	datetime	Close Date	☐	
deal_date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
deal_date_lost	datetime	Date Lost	☐	
deal_entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
deal_entry_date	datetime	Entry Date	☐	
deal_for_id	int32	ID of Concerns	☐	
deal_for	string	Concerns	☐	
deal_id	int32	ID	☑	
deal_latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
deal_latest_activity_date	datetime	Latest Activity Date	☐	
deal_phase_id	int32	Phase ID	☐	
deal_probability	int32	Probability	☐	
deal_quotation_nr	int32	Quotation Number	☐	
deal_reason_refused	string	Reason Refused	☐	
deal_responsible_user_id	int32	Responsible User ID	☐	
deal_source_id	int32	Source ID	☐	
deal_title	string(120)	Title	☐	
deal_total_price_excl_vat	decimal	Total Price excl. VAT	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
entry_date	datetime	Entry Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
item_account	string	Item Account	☐	
item_amount	decimal	Item Amount	☐	
item_line_total_excl_vat	float	Item Line Total excl. VAT	☐	
item_line_total_incl_vat	float	Item Line Total incl. VAT	☐	
item_price_per_unit	decimal	Item Price per Unit	☐	
item_product_id	int32	Item Product ID	☐	
item_subtitle	string	Item Subtitle	☐	
item_text	string	Item Text	☐	
item_vat_rate	string(4)	Item VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.

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Name	Data Type	Label	Required	Documentation
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
offerte_nr	int32	Quotation Number	☐	
optional_contact_person_id	int32	Optional Contact Person ID	☐	
phase_id	int32	Phase ID	☐	
probability	int32	Probability	☐	
quotation_file_id	int32	Quotation File ID	☐	
quotation_nr	int32	Quotation Number	☐	
reason_refused	string	Reason Refused	☐	
responsible_user_id	int32	Responsible User ID	☐	
source_id	int32	Source ID	☐	
title	string(120)	Title	☐	
total_price_excl_vat	decimal	Total Price excl. VAT	☐	

7.1.8 DealNotesAll: Teamleader Focus Deal Notes

Catalog: Teamleader

Schema: V1Flat

Label: Deal Notes

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealNotesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date	datetime	Date	☐	
deal_close_date_formatted	string(20)	Close Date (Formatted)	☐	
deal_close_date	datetime	Close Date	☐	
deal_date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
deal_date_lost	datetime	Date Lost	☐	
deal_entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
deal_entry_date	datetime	Entry Date	☐	
deal_for_id	int32	ID of Concerns	☐	
deal_for	string	Concerns	☐	
deal_id	int32	ID	☑	

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Name	Data Type	Label	Required	Documentation
deal_latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
deal_latest_activity_date	datetime	Latest Activity Date	☐	
deal_phase_id	int32	Phase ID	☐	
deal_probability	int32	Probability	☐	
deal_quotation_nr	int32	Quotation Number	☐	
deal_reason_refused	string	Reason Refused	☐	
deal_responsible_user_id	int32	Responsible User ID	☐	
deal_source_id	int32	Source ID	☐	
deal_title	string(120)	Title	☐	
deal_total_price_excl_vat	decimal	Total Price excl. VAT	☐	
long_description	string	Long Description	☐	
short_description	string	Short Description	☐	
type	string	Type	☐	

7.1.9 DealPhaseChangesAll: Teamleader Focus Deal Phase Changes

Catalog: Teamleader

Schema: V1Flat

Label: Deal Phase Changes

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealPhaseChangesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
change_date_formatted	string(20)	Change Date (Formatted)	☐	
change_date	datetime	Change Date	☐	
deal_close_date_formatted	string(20)	Close Date (Formatted)	☐	
deal_close_date	datetime	Close Date	☐	
deal_date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
deal_date_lost	datetime	Date Lost	☐	
deal_entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
deal_entry_date	datetime	Entry Date	☐	
deal_for_id	int32	ID of Concerns	☐	
deal_for	string	Concerns	☐	
deal_id	int32	ID	☑	

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Name	Data Type	Label	Required	Documentation
deal_latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
deal_latest_activity_date	datetime	Latest Activity Date	☐	
deal_phase_id	int32	Phase ID	☐	
deal_probability	int32	Probability	☐	
deal_quotation_nr	int32	Quotation Number	☐	
deal_reason_refused	string	Reason Refused	☐	
deal_responsible_user_id	int32	Responsible User ID	☐	
deal_source_id	int32	Source ID	☐	
deal_title	string(120)	Title	☐	
deal_total_price_excl_vat	decimal	Total Price excl. VAT	☐	
new_phase_id	int32	New Phase ID	☐	
old_phase_id	int32	Old Phase ID	☐	
related_user_id	int32	Related User ID	☐	

7.1.10 DealsAll: Teamleader Focus Deals

Catalog: Teamleader

Schema: V1Flat

Label: Deals

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_omzetwaarde_volgens_methode_2_amount	decimal		☐	
c_success	string		☐	
close_date_formatted	string(20)	Close Date (Formatted)	☐	
close_date	datetime	Close Date	☐	
date_last_activity_formatted	string(20)	Last Activity (Formatted)	☐	
date_last_activity	datetime	Last Activity	☐	
date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
date_lost	datetime	Date Lost	☐	
date_won_formatted	string(20)	Date Won (Formatted)	☐	
date_won	datetime	Date Won	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	

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Name	Data Type	Label	Required	Documentation
entry_date	datetime	Entry Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☐	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
offerte_nr	int32	Quotation Number	☐	
optional_contact_person_id	int32	Optional Contact Person ID	☐	
phase_id	int32	Phase ID	☐	
probability	int32	Probability	☐	
quotation_file_id	int32	Quotation File ID	☐	
quotation_nr	int32	Quotation Number	☐	
reason_refused	string	Reason Refused	☐	
responsible_user_id	int32	Responsible User ID	☐	
source_id	int32	Source ID	☐	
title	string(120)	Title	☐	
total_price_excl_vat	decimal	Total Price excl. VAT	☐	

7.1.11 InvoiceTimeTrackings

Catalog: Teamleader

Schema: V1Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view InvoiceTimeTrackings are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
date1	datetime	Date	☐	
description	string	Description	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	

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Name	Data Type	Label	Required	Documentation
duration	decimal	Duration	☐	
employee_name	string	Employee Name	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
for_attention_of	string	For Attention of	☐	
hourly_cost	decimal	Hourly Cost	☐	
id	int32	ID	☑	
id1	int32	ID	☑	
incasso_interest_amount	float	Collection Interest Amount	☐	
incasso_recall_costs	float		☐	
invoice_nr	int32	Invoice Number	☐	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
milestone_id	int32	Milestone ID	☐	
milestone_title	string	Milestone Title	☐	
name	string	Name	☐	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communication	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	
type	string	Type	☐	

7.1.12 MeetingsAll: Teamleader Focus Meetings

Catalog: Teamleader

Schema: V1Flat

Label: Meetings

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view MeetingsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_geredenmetauto_flag	boolean		☐	
canceller_id	int32	Canceller ID	☐	
creator_id	int32	Creator ID	☐	
date_added_formatted	string(20)	Date Added (Formatted)	☐	

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Name	Data Type	Label	Required	Documentation
date_added	datetime	Date Added	☐	
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
date_timestamp	datetime	Timestamp	☐	
duration_minutes	decimal	Duration (minutes)	☐	
id	int32	ID	☑	
location_detailed_company	string	Location Detailed Company	☐	
location_detailed_contact	string	Location Detailed Contact	☐	
location_detailed_type	string	Location Detailed Type	☐	
location	string	Location	☐	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	
related_milestone_id	int32	Related Milestone ID	☐	
related_project_id	int32	Related Project ID	☐	
related_sale_id	int32	Related Sale ID	☐	
title	string	Title	☐	

7.1.13 PdfInvoices: Teamleader Focus PDF Invoices

Catalog: Teamleader

Schema: V1Flat

Label: PDF Invoices

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view PdfInvoices are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
content	byte[]	Content	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	

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Name	Data Type	Label	Required	Documentation
for_attention_of	string	For Attention of	☐	
id	int32	ID	☑	
incasso_interest_amount	float	Collection Interest Amount	☐	
incasso_recall_costs	float		☐	
invoice_nr	int32	Invoice Number	☐	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
name	string	Name	☐	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communic-ation	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.14 ProductPricesAll: Teamleader Focus Product Items

Catalog: Teamleader

Schema: V1Flat

Label: Product Items

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProductPricesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_edited	datetime	Date Edited	☐	
description	string	Description	☐	
external_id	string	External ID	☐	
id	int32	ID	☑	
inv_account_id	int32	Invoice Account ID	☐	
min_stock	int32	Minimum Stock	☐	
name	string	Name	☐	
prices_name	string		☐	
prices_price_excl_vat	float		☐	
prices_price_incl_vat	float		☐	
product_booking_account_id	int32	Booking Account ID	☐	
product_booking_account	string	Booking Account	☐	

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Name	Data Type	Label	Required	Documentation
product_date_formatted	string(20)	Date (Formatted)	☐	
product_external_id	string	External ID	☐	
product_id	int32	ID	☑	
product_name	string	Name	☐	
product_price_value	float	Price Value	☐	
product_stock	int32	Stock	☐	
product_total_price_excl_vat	float	Total Price excl. VAT	☐	
product_vat	string	VAT	☐	
stock	int32	Stock	☐	
vat	string	VAT	☐	

7.1.15 ProductsAll: Teamleader Focus Products

Catalog: Teamleader

Schema: V1Flat

Label: Products

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProductsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booking_account_id	int32	Booking Account ID	☐	
booking_account	string	Booking Account	☐	
c_artikeltext	string		☐	
date_edited	datetime	Date Edited	☐	
date_formatted	string(20)	Date (Formatted)	☐	
description	string	Description	☐	
external_id	string	External ID	☐	
id	int32	ID	☑	
inv_account_id	int32	Invoice Account ID	☐	
min_stock	int32	Minimum Stock	☐	
name	string	Name	☐	
price_value	float	Price Value	☐	
stock	int32	Stock	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
vat	string	VAT	☐	

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7.1.16 ProjectInvoices: Teamleader Focus Project Invoices

Catalog: Teamleader

Schema: V1Flat

Label: Project Invoices

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectInvoices are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
id	int32	ID	☑	
incasso_interest_amount	float	Collection Interest Amount	☐	
incasso_recall_costs	float		☐	
invoice_nr_detailed	string	Invoice Number (Formatted)	☐	
invoice_nr	string	Invoice Number	☐	
name	string	Name	☐	
paid	boolean	Paid	☑	
project_id	int32	ID	☑	
project_phase	string	Phase	☐	
project_start_date_formatted	string(20)	Start Date (Formatted)	☐	
project_start_date	datetime	Start Date	☐	
project_title	string	Title	☑	
structured_communication	string	Structured Communication	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.17 ProjectMilestones: Teamleader Focus Project Milestones

Catalog: Teamleader

Schema: V1Flat

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Label: Project Milestones

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectMilestones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_type	string	Billing Type	☐	
budget	double	Budget	☐	
closed	boolean	Closed	☑	
due_date	datetime	Due Date	☐	
id	int32	ID	☑	
project_id	int32	ID	☑	
project_phase	string	Phase	☐	
project_start_date_formatted	string(20)	Start Date (Formatted)	☐	
project_start_date	datetime	Start Date	☐	
project_title	string	Title	☑	
responsible_user_id	int32	Responsible User ID	☐	
tasks_time_overrun_minutes	decimal	Tasks Time Overrun (Minutes)	☐	
tasks_time_remaining_minutes	decimal	Tasks Time Remaining (Minutes)	☐	
time_tracked_minutes	decimal	Time Tracked (Minutes)	☐	
title	string	Title	☐	

7.1.18 ProjectRelatedParties: Teamleader Focus Project Related Parties

Catalog: Teamleader

Schema: V1Flat

Label: Project Related Parties

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectRelatedParties are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
email	string	Email	☐	
group	string	Group	☐	
id	int32	ID	☑	
name	string	Name	☐	
project_id	int32	ID	☑	
project_phase	string	Phase	☐	
project_start_date_formatted	string(20)	Start Date (Formatted)	☐	
project_start_date	datetime	Start Date	☐	
project_title	string	Title	☑	
role	string	Role	☐	
telephone	string	Telephone	☐	
type	string	Type	☐	

7.1.19 projects_arrayAll: Teamleader Focus Set of array values for a projects.

Catalog: Teamleader

Schema: V1Flat

Label: Set of array values for a projects.

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view projects_arrayAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_id	int32	Custom Field ID	☑	Unique number identifying the custom field value.
c_value	string	Custom Field Value	☑	Description of the custom field value.
id	int32	ID	☑	
phase	string	Phase	☐	
start_date_formatted	string(20)	Start Date (Formatted)	☐	
start_date	datetime	Start Date	☐	
title	string	Title	☑	

7.1.20 ProjectsAll: Teamleader Focus Projects

Catalog: Teamleader

Schema: V1Flat

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Label: Projects

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
budget_indication	double	Budget Indication	☐	
budget_spent_external	double	Budget Spent External	☐	
budget_spent_internal	double	Budget Spent Internal	☐	
c_array_id_list	string		☐	
c_array_value_list	string		☐	
c_betaling_project_id	int32		☐	
c_betaling_project_value	string		☐	
c_budget_volgende_fase	string		☐	
c_dealnummer	string		☐	
c_fase_id	int32		☐	
c_fase_value	string		☐	
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
description_html	string	Description (HTML)	☐	
id	int32	ID	☑	
phase	string	Phase	☐	
project_nr	int32	Project Number	☐	
start_date_formatted	string(20)	Start Date (Formatted)	☐	
start_date	datetime	Start Date	☐	
title	string	Title	☑	

7.1.21 ProjectUsers: Teamleader Focus Project Users

Catalog: Teamleader

Schema: V1Flat

Label: Project Users

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectUsers are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
project_id	int32	ID	☑	
project_phase	string	Phase	☐	
project_start_date_formatted	string(20)	Start Date (Formatted)	☐	
project_start_date	datetime	Start Date	☐	
project_title	string	Title	☑	
role	string	Role	☐	
user_email	string	User Email	☐	
user_id	int32	User ID	☐	
user_name	string	User Name	☐	

7.1.22 SubscriptionItemsAll: Teamleader Focus Subscription Items

Catalog: Teamleader

Schema: V1Flat

Label: Subscription Items

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view SubscriptionItemsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	boolean	Active	☑	
date_end_formatted	string(20)	Date End (Formatted)	☐	
date_end	datetime	Date End	☐	
date_start_formatted	string(20)	Date Start (Formatted)	☐	
date_start	datetime	Date Start	☐	
department_id	int32	Department ID	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
items_account	string		☐	
items_amount	float		☐	
items_line_total_excl_vat	string		☐	
items_line_total_incl_vat	string		☐	
items_price_per_unit	float		☐	
items_product_id	int32		☐	
items_subtitle	string	Items Subtitle	☐	
items_text	string	Items Text	☐	

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Name	Data Type	Label	Required	Documentation
items_vat_rate	string(4)	Items VAT Rate	☐	Label of the VAT rate. For custom VAT rates typically 'CUST' will be used. Default Belgium rates are: '00' for 0%, '06' for 6%, '12' for 12%, '21' for 21%, 'CM' for 'Sales inside EU', 'EX' for 'Sales outside EU', 'MC' for 'Sales medecontractant' and 'VCMD' for 'Sales inside EU services'.
next_renewal_date_formatted	string(20)	Next Renewal Date (Formatted)	☐	
next_renewal_date	datetime	Next Renewal Date	☐	
repeat	string	Repeat	☐	
subscription_active	boolean	Active	☑	
subscription_client_name	string	Client Name	☐	
subscription_contact_or_company_id	int32	Contact or Company ID	☐	
subscription_contact_or_company	string	Contact or Company	☐	
subscription_date_end_formatted	string(20)	Date End (Formatted)	☐	
subscription_date_end	datetime	Date End	☐	
subscription_date_start_formatted	string(20)	Date Start (Formatted)	☐	
subscription_date_start	datetime	Date Start	☐	
subscription_department_id	int32	Department ID	☐	
subscription_department_name	string	Department Name	☐	
subscription_id	int32	ID	☑	
subscription_next_renewal_date_formatted	string(20)	Next Renewal Date (Formatted)	☐	
subscription_next_renewal_date	datetime	Next Renewal Date	☐	
subscription_repeat	string	Repeat	☐	
subscription_title	string	Title	☐	
subscription_total_price_excl_vat	float	Total Price excl. VAT	☐	
subscription_total_price_incl_vat	float	Total Price incl. VAT	☐	
title	string	Title	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.23 SubscriptionsAll: Teamleader Focus Subscriptions

Catalog: Teamleader

Schema: V1Flat

Label: Subscriptions

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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View Columns

The columns of the view SubscriptionsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	boolean	Active	☑	
c_abonnementtext	string		☐	
client_name	string	Client Name	☐	
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_end_formatted	string(20)	Date End (Formatted)	☐	
date_end	datetime	Date End	☐	
date_start_formatted	string(20)	Date Start (Formatted)	☐	
date_start	datetime	Date Start	☐	
department_id	int32	Department ID	☐	
department_name	string	Department Name	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
next_renew al_date_formatted	string(20)	Next Renew al Date (Formatted)	☐	
next_renew al_date	datetime	Next Renew al Date	☐	
repeat	string	Repeat	☐	
title	string	Title	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.24 tasks_multipleselectionAll: Teamleader Focus Set of MultipleSelection values for a tasks.

Catalog: Teamleader

Schema: V1Flat

Label: Set of MultipleSelection values for a tasks.

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view tasks_multipleselectionAll are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
c_id	int32	Custom Field ID	☑	Unique number identifying the custom field value.
c_value	string	Custom Field Value	☑	Description of the custom field value.
description	string	Description	☐	
id	int32	ID	☑	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	

7.1.25 TasksAll: Teamleader Focus Tasks

Catalog: Teamleader

Schema: V1Flat

Label: Tasks

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TasksAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_autoincrement_counter	int32		☐	
c_company_company_id	int32		☐	
c_date_date	datetime		☐	
c_emailaddress_email	string		☐	
c_integer_number	int32		☐	
c_maximale_waarde_amount	decimal		☐	
c_multipleselection_id_list	string		☐	
c_multipleselection_value_list	string		☐	
c_number_number	decimal		☐	
c_phonenumber_phone	string		☐	
c_singlelinetext	string		☐	
c_singleselection_id	int32		☐	
c_singleselection_value	string		☐	
c_url_url	string		☐	
c_yesno_flag	boolean		☐	
client_id	int32	Client ID	☐	
client_name	string	Client Name	☐	
client_type	string	Client Type	☐	
creator_name	string	Creator Name	☐	

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Name	Data Type	Label	Required	Documentation
date_finished_formatted	string(20)	Date Finished (Formatted)	☐	
date_finished	datetime	Date Finished	☐	
deleted	boolean	Deleted	☑	
description	string	Description	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
estimated_time_required	int32	Estimated Time Required	☐	
estimated_time_used	int32	Estimated Time Used	☐	
finished	boolean	Finished	☑	
milestone_name	string	Milestone Name	☐	
priority	string	Priority	☐	
project_id	int32	Project ID	☐	
project_name	string	Project Name	☐	
related_ticket_id	int32	Related Ticket ID	☐	
responsible_users_team_id	int32	Responsible Users Team ID	☐	
responsible_users_users	string	Responsible Users	☐	
task_description	string	Description	☐	
task_id	int32	ID	☑	
task_milestone_id	int32	Milestone ID	☐	
task_project_id	int32	Project ID	☐	
type_id	int32	Type ID	☐	

7.1.26 tickets_soort_incidentAll: Teamleader Focus Set of Soort incident values for a tickets.

Catalog: Teamleader

Schema: V1Flat

Label: Set of Soort incident values for a tickets.

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view tickets_soort_incidentAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
c_id	int32	Custom Field ID	☑	Unique number identifying the custom field value.
c_value	string	Custom Field Value	☑	Description of the custom field value.

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Name	Data Type	Label	Required	Documentation
date_created	datetime	Date Created	☐	
description	string	Description	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
responsible_sys_client_id	int32		☐	
status	string(150)	Status	☐	
subject	string(500)	Subject	☐	
time_spent	string	Time Spent	☐	

7.1.27 TicketsAll: Teamleader Focus Open Tickets

Catalog: Teamleader

Schema: V1Flat

Label: Open Tickets

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TicketsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Information (HTML)	☐	
c_escalatie_flag	boolean		☐	
c_soort_incident_id_list	string		☐	
c_soort_incident_value_list	string		☐	
date_closed	datetime	Date Closed	☐	
date_created	datetime	Date Created	☐	
deleted	boolean	Deleted	☑	
description	string	Description	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
optional_company_id	int32	Optional Company ID	☐	
responsible_sys_client_id	int32		☐	
responsible_user_id	int32	Responsible User ID	☐	
status	string(150)	Status	☐	
subject	string(500)	Subject	☐	
time_spent	string	Time Spent	☐	

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7.1.28 TicketsAnyStatusAll: Teamleader Focus All Tickets

Catalog: Teamleader

Schema: V1Flat

Label: All Tickets

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TicketsAnyStatusAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
background_info_html	string	Background Informa-tion (HTML)	☐	
c_escalatie_flag	boolean		☐	
c_soort_incident_id_list	string		☐	
c_soort_incident_value_list	string		☐	
date_closed	datetime	Date Closed	☐	
date_created	datetime	Date Created	☐	
deleted	boolean	Deleted	☑	
description	string	Description	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
optional_company_id	int32	Optional Company ID	☐	
responsible_sys_client_id	int32		☐	
responsible_user_id	int32	Responsible User ID	☐	
status	string(150)	Status	☐	
subject	string(500)	Subject	☐	
time_spent	string	Time Spent	☐	

7.1.29 TimeTracking18Weeks: Teamleader Focus Time Tracking (18 weeks)

Catalog: Teamleader

Schema: V1Flat

Label: Time Tracking (18 weeks)

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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View Columns

The columns of the view TimeTracking18Weeks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	int32	Company ID	☐	
contact_id	int32	Contact ID	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
description	string	Description	☐	
duration	decimal	Duration	☐	
employee_name	string	Employee Name	☐	
id	int32	ID	☑	
is_invoiceable	boolean	Is Invoiceable?	☑	
milestone_id	int32	Milestone ID	☐	
milestone_title	string	Milestone Title	☐	
project_id	int32	Project ID	☐	
project_title	string	Project Title	☐	
related_to_id	int32	Related to ID	☐	
related_to_type	string	Related to Type	☐	
ticket_id	int32	Ticket ID	☐	
user_id	int32	User ID	☐	

7.1.30 TimeTracking54Weeks: Teamleader Focus Time Tracking (54 weeks)

Catalog: Teamleader

Schema: V1Flat

Label: Time Tracking (54 weeks)

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TimeTracking54Weeks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	int32	Company ID	☐	
contact_id	int32	Contact ID	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date	datetime	Date	☐	
description	string	Description	☐	

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Name	Data Type	Label	Required	Documentation
duration	decimal	Duration	☐	
employee_name	string	Employee Name	☐	
id	int32	ID	☑	
is_invoiceable	boolean	Is Invoiceable?	☑	
milestone_id	int32	Milestone ID	☐	
milestone_title	string	Milestone Title	☐	
project_id	int32	Project ID	☐	
project_title	string	Project Title	☐	
related_to_id	int32	Related to ID	☐	
related_to_type	string	Related to Type	☐	
ticket_id	int32	Ticket ID	☐	
user_id	int32	User ID	☐	

7.1.31 V1ToV2Calls: Teamleader Focus V1 to V2 Mapping for Calls

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Calls

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Calls are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
gsm	string	Mobile Phone	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
related_milestone_id	int32	Related Milestone ID	☐	
related_project_id	int32	Related Project ID	☐	
telephone	string	Telephone	☐	
user_id	int32	User ID	☐	
user_name	string	User Name	☐	

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7.1.32 V1ToV2Contacts: Teamleader Focus V1 to V2 Mapping for Contacts

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Contacts

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Contacts are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
bic	string(15)	BIC Number	☐	
city	string(70)	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	int32	Deleted	☐	
dob	datetime	Date of Birth	☐	
email	string(100)	Email	☐	
fax	string(30)	Fax	☐	
forename	string(60)	First Name	☐	
gender	string	Gender	☐	
gsm	string(30)	Mobile Phone	☐	
iban	string	IBAN Number	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
number	string(12)	Number	☐	
salutation	string	Salutation	☐	
status	string	Status	☐	
street	string(120)	Street	☐	
surname	string(120)	Last Name	☐	
telephone	string(30)	Telephone	☐	
website	string(100)	Website	☐	
zipcode	string(30)	ZIP Code	☐	

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7.1.33 V1ToV2CreditNotes: Teamleader Focus V1 to V2 Mapping for Credit Notes

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Credit Notes

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2CreditNotes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
creditnote_nr_detailed	string	Credit Note Number (Formatted)	☐	
creditnote_nr	int32	Credit Note Number	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
name	string	Name	☐	
paid	boolean	Paid	☑	
related_invoice_id	int32	Related Invoice ID	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.34 V1ToV2DealPhases: Teamleader Focus V1 to V2 Mapping for Deal Phases

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Deal Phases

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

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The columns of the view V1ToV2DealPhases are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
name	string	Name	☐	

7.1.35 V1ToV2Deals: Teamleader Focus V1 to V2 Mapping for Deals

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Deals

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Deals are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
close_date_formatted	string(20)	Close Date (Formatted)	☐	
close_date	datetime	Close Date	☐	
date_lost_formatted	string(20)	Date Lost (Formatted)	☐	
date_lost	datetime	Date Lost	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
entry_date	datetime	Entry Date	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
phase_id	int32	Phase ID	☐	
probability	int32	Probability	☐	
quotation_nr	int32	Quotation Number	☐	
reason_refused	string	Reason Refused	☐	
responsible_user_id	int32	Responsible User ID	☐	
source_id	int32	Source ID	☐	
title	string(120)	Title	☐	

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Name	Data Type	Label	Required	Documentation
total_price_excl_vat	decimal	Total Price excl. VAT	☐	

7.1.36 V1ToV2Invoices: Teamleader Focus V1 to V2 Mapping for Invoices

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Invoices

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Invoices are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_formatted	string(20)	Date (Formatted)	☐	
date_paid	datetime	Date Paid	☐	
date	datetime	Date	☐	
due_date_formatted	string(20)	Due Date (Formatted)	☐	
due_date	datetime	Due Date	☐	
entry_date_formatted	string(20)	Entry Date (Formatted)	☐	
for_attention_of	string	For Attention of	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
incasso_interest_amount	float	Collection Interest Amount	☐	
incasso_recall_costs	float		☐	
invoice_nr	int32	Invoice Number	☐	
latest_activity_date_formatted	string(20)	Latest Activity Date (Formatted)	☐	
latest_activity_date	datetime	Latest Activity Date	☐	
name	string	Name	☐	
paid	boolean	Paid	☑	
structured_communication	string	Structured Communic-ation	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

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7.1.37 V1ToV2MappingCompanies: Teamleader Focus V1 to V2 Mapping for Companies

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Companies

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2MappingCompanies are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
bic	string	BIC Number	☐	
business_type	string	Business Type	☐	
city	string	City	☐	
country	string	Country	☐	
date_added	datetime	Date Added	☐	
date_edited	datetime	Date Edited	☐	
deleted	boolean	Deleted	☑	
email	string	Email	☐	
fax	string	Fax	☐	
iban	string	IBAN Number	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
language_code	string	Language Code	☐	
language_name	string	Language Name	☐	
name	string	Name	☐	
number	string	Number	☐	
payment_term	string	Payment Term	☐	
status	string	Status	☐	
street	string	Street	☐	
taxcode	string	Tax Code	☐	
telephone	string	Telephone	☐	
vat_liability	string	VAT Liability	☐	
w ebsite	string	Website	☐	
zipcode	string(30)	ZIP Code	☐	

7.1.38 V1ToV2Meetings: Teamleader Focus V1 to V2 Mapping for Meetings

Catalog: Teamleader

Schema: V1Flat

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Label: V1 to V2 Mapping for Meetings

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Meetings are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_day	string	Date of Day	☐	
date_hour	string	Time of Day	☐	
date_timestamp	datetime	Timestamp	☐	
duration_minutes	decimal	Duration (minutes)	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
related_milestone_id	int32	Related Milestone ID	☐	
related_project_id	int32	Related Project ID	☐	
title	string	Title	☐	

7.1.39 V1ToV2Milestones: Teamleader Focus V1 to V2 Mapping for Milestones

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Milestones

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Milestones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_type	string	Billing Type	☐	
budget	double	Budget	☐	
closed	boolean	Closed	☑	
due_date	datetime	Due Date	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
project_id	int32	ID	☑	
project_phase	string	Phase	☐	

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Name	Data Type	Label	Required	Documentation
project_start_date_formatted	string(20)	Start Date (Formatted)	☐	
project_start_date	datetime	Start Date	☐	
project_title	string	Title	☑	
responsible_user_id	int32	Responsible User ID	☐	
tasks_time_overrun_minutes	decimal	Tasks Time Overrun (Minutes)	☐	
tasks_time_remaining_minutes	decimal	Tasks Time Remaining (Minutes)	☐	
time_tracked_minutes	decimal	Time Tracked (Minutes)	☐	
title	string	Title	☐	

7.1.40 V1ToV2Products: Teamleader Focus V1 to V2 Mapping for Products

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Products

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Products are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
booking_account_id	int32	Booking Account ID	☐	
booking_account	string	Booking Account	☐	
date_formatted	string(20)	Date (Formatted)	☐	
external_id	string	External ID	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
name	string	Name	☐	
price_value	float	Price Value	☐	
stock	int32	Stock	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
vat	string	VAT	☐	

7.1.41 V1ToV2Projects: Teamleader Focus V1 to V2 Mapping for Projects

Catalog: Teamleader

Schema: V1Flat

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Label: V1 to V2 Mapping for Projects

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Projects are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
phase	string	Phase	☐	
start_date_formatted	string(20)	Start Date (Formatted)	☐	
start_date	datetime	Start Date	☐	
title	string	Title	☑	

7.1.42 V1ToV2Subscriptions: Teamleader Focus V1 to V2 Mapping for Subscriptions

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Subscriptions

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Subscriptions are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
active	boolean	Active	☑	
client_name	string	Client Name	☐	
contact_or_company_id	int32	Contact or Company ID	☐	
contact_or_company	string	Contact or Company	☐	
date_end_formatted	string(20)	Date End (Formatted)	☐	
date_end	datetime	Date End	☐	
date_start_formatted	string(20)	Date Start (Formatted)	☐	
date_start	datetime	Date Start	☐	
department_id	int32	Department ID	☐	
department_name	string	Department Name	☐	
id_v2	guid	ID (V2)	☑	

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Name	Data Type	Label	Required	Documentation
id	int32	ID	☑	
next_renew al_date_formatted	string(20)	Next Renew al Date (Formatted)	☐	
next_renew al_date	datetime	Next Renew al Date	☐	
repeat	string	Repeat	☐	
title	string	Title	☐	
total_price_excl_vat	float	Total Price excl. VAT	☐	
total_price_incl_vat	float	Total Price incl. VAT	☐	

7.1.43 V1ToV2Tasks: Teamleader Focus V1 to V2 Mapping for Tasks

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Tasks

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Tasks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
milestone_id	int32	Milestone ID	☐	
project_id	int32	Project ID	☐	

7.1.44 V1ToV2Users: Teamleader Focus V1 to V2 Mapping for Users

Catalog: Teamleader

Schema: V1Flat

Label: V1 to V2 Mapping for Users

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view V1ToV2Users are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
active	string	Active	☐	
email	string	Email	☐	
gsm	string	Mobile Phone	☐	
id_v2	guid	ID (V2)	☑	
id	int32	ID	☑	
name	string	Name	☐	
team_id	int32	Team ID	☐	
telephone	string	Telephone	☐	
title	string	Title	☐	

8 Schema: V1View

8.1 Tables

8.1.1 TicketsAnyStatus: Teamleader Focus All Tickets

Catalog: Teamleader

Schema: V1View

Label: All Tickets

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TicketsAnyStatus are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_created	datetime	Date Created	☐	
description	string	Description	☐	
for_id	int32	ID of Concerns	☐	
for	string	Concerns	☐	
id	int32	ID	☑	
responsible_sys_client_id	int32		☐	
status	string(150)	Status	☐	
subject	string(500)	Subject	☐	
time_spent	string	Time Spent	☐	

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9 Schema: V2

9.1 Tables

9.1.1 ActivityTypes: Teamleader Focus Activity Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Activity Types

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table ActivityTypes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	

9.1.2 BusinessTypes: Teamleader Focus Business Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Business Types

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function BusinessTypes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
country	string	☐		

Columns of Table Function

The columns of the table function BusinessTypes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
country	string	Country	☑	
id	string	ID	☑	
name	string	Name	☑	

9.1.3 CallById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CallById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

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The columns of the table function CallById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
assignee_id	string		☐	
completed_at	datetime		☐	
deal_id	string	Deal ID	☐	
description	string	Description	☐	
id	string	ID	☑	
outcome_id	string		☐	
outcome_summary	string		☐	
participant_contact_id	string		☐	
participant_customer_id	string		☐	
scheduled_at	datetime		☐	
status	string	Status	☐	One of open or completed.

9.1.4 CallOutcomes

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function CallOutcomes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☐	

9.1.5 Calls: Teamleader Focus Calls

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Calls

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-

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ter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Calls. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
call_outcome_id	string	☐		
scheduled_after	datetime	☐		
scheduled_before	datetime	☐		

Columns of Table Function

The columns of the table function Calls are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
assignee_id	string		☐	
deal_id	string	Deal ID	☐	
description	string	Description	☐	
id	string	ID	☑	
outcome_id	string		☐	
outcome_summary	string		☐	
participant_contact_id	string		☐	
participant_customer_id	string		☐	
scheduled_at	datetime		☐	
status	string	Status	☐	One of open or completed.

9.1.6 ClosingDays

Catalog: Teamleader

Schema: V2

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Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function ClosingDays are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date	datetime	Date	☑	
id	string	ID	☑	

9.1.7 CommercialDiscounts: Teamleader Focus Commercial Discounts

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Commercial Discounts

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function CommercialDiscounts are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
name	string	Name	☑	

9.1.8 Companies: Teamleader Focus Companies

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Companies

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Companies. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Filters on first_name, last_name, email and telephone.
updated_since	datetime	☐		
vat_number	string	☐		

Columns of Table Function

The columns of the table function Companies are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
bic	string	BIC Number	☐	
business_type_id	string	Business Type ID	☐	
business_type_type	string	Business Type	☐	
iban	string	IBAN Number	☐	
id	string	ID	☑	
invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
language	string	Language	☐	
local_business_number	string	Local Business Number	☐	Also know n as Chamber of Commerce number in many countries.
name	string	Name	☑	
national_identification_number	string	National Identification Number	☐	Also know n as Chamber of Commerce number in many countries.
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
preferred_currency	string	Preferred Currency	☐	

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Name	Data Type	Label	Required	Documentation
primary_address_city	string	Primary Address City	☐	
primary_address_country	string	Primary Address Country	☐	
primary_address_line1	string	Primary Address Line 1	☐	
primary_address_postal_code	string	Primary Address Postal Code	☐	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
status	string	Status	☑	
updated_at	datetime	Updated At	☑	
vat_number	string	VAT Number	☐	VAT number.
w eb_url	string	Web (URL)	☑	
w ebsite	string	Website	☐	

9.1.9 CompanyById: Teamleader Focus Company by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Company by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CompanyById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

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Columns of Table Function

The columns of the table function CompanyById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
bic	string	BIC Number	☐	
business_type_id	string	Business Type ID	☐	
business_type_type	string	Business Type	☐	
c_array	string		☐	
c_transport_2020	int32		☐	
iban	string	IBAN Number	☐	
id	string	ID	☑	
invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
language	string	Language	☐	
local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
marketing_mails_consent	boolean		☐	
name	string	Name	☑	
national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
preferred_currency	string	Preferred Currency	☐	
primary_address_city	string	Primary Address City	☐	
primary_address_country	string	Primary Address Country	☐	
primary_address_line1	string	Primary Address Line 1	☐	
primary_address_postal_code	string	Primary Address Postal Code	☐	
remarks	string		☐	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
status	string	Status	☑	
updated_at	datetime	Updated At	☑	
vat_number	string	VAT Number	☐	VAT number.
web_url	string	Web (URL)	☑	
website	string	Website	☐	

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9.1.10 CompanyEmailAddresses: Teamleader Focus Company Email Addresses

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Company Email Addresses

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CompanyEmailAddresses. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Filters on first_name, last_name, email and telephone.
updated_since	datetime	☐		
vat_number	string	☐		

Columns of Table Function

The columns of the table function CompanyEmailAddresses are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	string	Company ID	☑	
company_name	string	Company Name	☑	
company_updated_at	datetime		☑	
email	string	Email	☑	
type	string	Type	☑	

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9.1.11 CompanyTags: Teamleader Focus Company Tags

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Company Tags

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CompanyTags. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Filters on first_name, last_name, email and telephone.
updated_since	datetime	☐		
vat_number	string	☐		

Columns of Table Function

The columns of the table function CompanyTags are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	string	Company ID	☑	
company_name	string	Company Name	☑	
company_updated_at	datetime		☑	
tag	string	Tag	☑	

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9.1.12 CompanyTelephones: Teamleader Focus Company Telephones

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Company Telephones

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CompanyTelephones. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Filters on first_name, last_name, email and telephone.
updated_since	datetime	☐		
vat_number	string	☐		

Columns of Table Function

The columns of the table function CompanyTelephones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	string	Company ID	☑	
company_name	string	Company Name	☑	
company_updated_at	datetime		☑	
number	string	Number	☑	
type	string	Type	☑	

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9.1.13 ContactById: Teamleader Focus Contact by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Contact by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ContactById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ContactById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
bic	string	BIC Number	☐	
birthdate	datetime	Date of Birth	☐	
c_activiteit_en	string		☐	
c_array	string		☐	
c_backup_verkoper	guid		☐	
c_bijnaam	string		☐	
c_eerst_tekst_dan_getal	string		☐	
first_name	string	First Name	☐	
gender	string	Gender	☐	
iban	string	IBAN Number	☐	

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Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
language	string	Language	☐	
last_name	string	Last Name	☐	
local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
marketing_mails_consent	boolean		☑	
national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
primary_address_city	string	Primary Address City	☐	
primary_address_country	string	Primary Address Country	☐	
primary_address_line1	string	Primary Address Line 1	☐	
primary_address_postal_code	string	Primary Address Postal Code	☐	
remarks	string		☐	
salutation	string	Salutation	☐	
status	string	Status	☐	
updated_at	datetime	Updated At	☑	
vat_number	string	VAT Number	☐	VAT number.
web_url	string	Web (URL)	☑	
website	string	Website	☐	

9.1.14 ContactCompaniesByContactId

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ContactCompaniesByContactId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ContactCompaniesByContactId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	string	Company ID	☐	
company_type	string		☐	
contact_first_name	string		☐	
contact_id	string	Contact ID	☑	
contact_last_name	string		☐	
decision_maker	boolean	Decision Maker	☐	
division	string		☐	
position	string	Position	☐	
secondary_position	string		☐	

9.1.15 ContactEmailAddresses: Teamleader Focus Contact Email Addresses

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Contact Email Addresses

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ContactEmailAddresses. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Search for term in first name, last name, email and telephone.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function ContactEmailAddresses are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_first_name	string		☐	
contact_id	string	Contact ID	☑	
contact_last_name	string		☐	
contact_updated_at	datetime		☑	
email	string	Email	☑	
type	string	Type	☑	

9.1.16 Contacts: Teamleader Focus Contacts

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Contacts

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Contacts. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Search for term in first name, last name, email and telephone.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function Contacts are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
bic	string	BIC Number	☐	
birthdate	datetime	Date of Birth	☐	
first_name	string	First Name	☐	
gender	string	Gender	☐	
iban	string	IBAN Number	☐	
id	string	ID	☑	
invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
language	string	Language	☐	
last_name	string	Last Name	☐	
local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
primary_address_city	string	Primary Address City	☐	
primary_address_country	string	Primary Address Country	☐	
primary_address_line1	string	Primary Address Line 1	☐	
primary_address_postal_code	string	Primary Address Postal Code	☐	
salutation	string	Salutation	☐	

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Name	Data Type	Label	Required	Documentation
status	string	Status	☐	
updated_at	datetime	Updated At	☑	
w eb_url	string	Web (URL)	☑	
w ebsite	string	Website	☐	

9.1.17 ContactTags: Teamleader Focus Contact Tags

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Contact Tags

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ContactTags. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Search for term in first name, last name, email and telephone.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function ContactTags are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_first_name	string		☐	

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Name	Data Type	Label	Required	Documentation
contact_id	string	Contact ID	☑	
contact_last_name	string		☐	
contact_updated_at	datetime		☑	
tag	string	Tag	☑	

9.1.18 ContactTelephones: Teamleader Focus Contact Telephones

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Contact Telephones

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ContactTelephones. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
company_id	guid	☐		
term	string	☐		Search for term in first name, last name, email and telephone.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function ContactTelephones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_first_name	string		☐	

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Name	Data Type	Label	Required	Documentation
contact_id	string	Contact ID	☑	
contact_last_name	string		☐	
contact_updated_at	datetime		☑	
number	string	Number	☐	
type	string	Type	☑	

9.1.19 CreditNoteGroupedLinesByCreditNoteId

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CreditNoteGroupedLinesByCreditNoteId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CreditNoteGroupedLinesByCreditNoteId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
credit_note_id	string		☑	
section_title	string	Section Title	☐	

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9.1.20 CreditNoteLinesByCreditNoteId

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CreditNoteLinesByCreditNoteId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CreditNoteLinesByCreditNoteId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
credit_note_id	string		☑	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
currency	string	Currency	☐	
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
extended_description	string	Extended Description	☐	
group_section_title	string		☐	
product_category_id	string	Product Category ID	☐	
product_category_type	string	Product Category Type	☐	

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Name	Data Type	Label	Required	Documentation
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
tax_id	string	Tax ID	☐	
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	

9.1.21 CreditNotes: Teamleader Focus Credit Notes

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Credit Notes

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CreditNotes. A value must be provided at all times for required parameters, but optional paramet-

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ers in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
credit_note_date_after	datetime	☐		This date is inclusive.
credit_note_date_before	datetime	☐		This date is exclusive.
department_id	guid	☐		The ID of the department you w ish to filter on.
invoice_id	guid	☐		
project_id	guid	☐		
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function CreditNotes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☑	
credit_note_date	datetime	Credit Note Date	☐	
credit_note_number	string	Credit Note Number	☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
id	string	ID	☑	
invoice_id	string	Invoice ID	☐	
invoice_type	string	Invoice Type	☐	
invoicee_customer_id	string	Invoicee Customer ID	☐	
invoicee_customer_type	string	Invoicee Customer Type	☐	
invoicee_name	string	Invoicee Name	☐	
invoicee_vat_number	string	Invoicee VAT Number	☐	
paid_at	datetime	Paid at	☐	
paid	boolean	Paid	☑	
project_id	string	Project ID	☐	
status	string	Status	☑	
total_payable_amount	decimal	Total Payable Amount	☐	

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Name	Data Type	Label	Required	Documentation
total_payable_currency	string	Currency of Total Payable Amount	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☑	

9.1.22 CreditNotesById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CreditNotesById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CreditNotesById are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☑	
credit_note_date	datetime	Credit Note Date	☐	
credit_note_number	string	Credit Note Number	☐	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
currency	string	Currency	☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
document_template_id	string		☐	
document_template_type	string		☐	
id	string	ID	☑	
invoice_id	string	Invoice ID	☐	
invoice_type	string	Invoice Type	☐	
invoicee_customer_id	string	Invoicee Customer ID	☐	
invoicee_customer_type	string	Invoicee Customer Type	☐	
invoicee_email	string		☐	
invoicee_name	string	Invoicee Name	☐	
invoicee_national_identification_number	string		☐	
invoicee_vat_number	string	Invoicee VAT Number	☐	
paid_at	datetime	Paid at	☐	
paid	boolean	Paid	☑	
project_id	string	Project ID	☐	
status	string	Status	☑	
total_payable_amount	decimal	Total Payable Amount	☐	
total_payable_currency	string	Currency of Total Payable Amount	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☑	

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9.1.23 CreditNoteTaxes: Teamleader Focus Credit Note Taxes

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Credit Note Taxes

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CreditNoteTaxes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
credit_note_date_after	datetime	☐		This date is inclusive.
credit_note_date_before	datetime	☐		This date is exclusive.
department_id	guid	☐		The ID of the department you wish to filter on.
invoice_id	guid	☐		
project_id	guid	☐		
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function CreditNoteTaxes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
credit_note_date	string	Credit Note Date	☑	
credit_note_id	string		☑	
credit_note_number	string	Credit Note Number	☑	
credit_note_updated_at	datetime		☑	
rate	string	Rate	☐	

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Name	Data Type	Label	Required	Documentation
tax_amount	decimal	Tax Amount	☐	
tax_currency	string	Currency of Tax Amount	☐	
taxable_amount	decimal	Taxable Amount	☐	
taxable_currency	string	Currency of Taxable Amount	☐	

9.1.24 CurrencyExchangeRates: Teamleader Focus Currency Exchange Rates

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Currency Exchange Rates

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CurrencyExchangeRates. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
base	string	☐	EUR	Base currency.

Columns of Table Function

The columns of the table function CurrencyExchangeRates are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
code	string(3)		☑	
exchange_rate	decimal		☐	

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Name	Data Type	Label	Required	Documentation
name	string	Name	☑	
symbol	string		☑	

9.1.25 CurrentTimer

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table CurrentTimer are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
id	string	ID	☑	
invoiceable	boolean	Invoiceable	☐	
started_at	datetime	Started at	☐	
subject_id	string	Subject ID	☐	
subject_type	string	Subject Type	☐	
user_id	string	User ID	☐	
user_type	string	User Type	☐	
work_type_id	string	Work Type ID	☐	
work_type_type	string	Work Type Type	☐	

9.1.26 CustomFieldDefinitions: Teamleader Focus Custom Field Definitions

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Field Definitions

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

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The columns of the table CustomFieldDefinitions are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
configuration_extra_option_allowed	boolean	Extra Option Allowed	☐	
configuration_options	string	Configuration Options	☐	
context	string	Context	☑	Type of data for which this custom field can store values, such as 'company' or 'project'.
group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
id	string	ID	☑	Unique ID of the custom field definition.
label	string	Label	☐	Label for display with the value in the web frontend.
required	boolean	Required	☑	Whether a value must be provided.
type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
value_id	string	Value ID	☐	
value_type	string	Value Type	☐	
value	string	Value	☐	

9.1.27 CustomFieldsByCompanyId: Teamleader Focus Custom Fields by Company ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Company ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByCompanyId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByCompanyId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	string	Record ID	☑	ID of the company for w hich these custom field values provide additional information.
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field defini-tion.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.28 CustomFieldsByContactId: Teamleader Focus Custom Fields by Contact ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Contact ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-ter case, please use the table NativePlatformScalarRequests to upload data to the Team-leader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Cus-tomFieldsByContactId. A value must be provided at all times for required parameters, but op-tional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByContactId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
contact_id	string	Record ID	☑	ID of the contact for which these custom field values provide additional information.
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.29 CustomFieldsByDealId: Teamleader Focus Custom Fields by Deal ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Deal ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByDealId. A value must be provided at all times for required parameters, but op-

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tional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByDealId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
deal_id	string	Record ID	☑	ID of the deal for which these custom field values provide additional information.
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.30 CustomFieldsByInvoiceId: Teamleader Focus Custom Fields by Invoice ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Invoice ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByInvoiceId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByInvoiceId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
invoice_id	string	Record ID	☑	ID of the invoice for which these custom field values provide additional information.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.31 CustomFieldsByMilestoneId: Teamleader Focus Custom Fields by Milestone ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Milestone ID

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByMilestoneId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByMilestoneId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
milestone_id	string	Record ID	☑	ID of the milestone for which these custom field values provide additional information.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.32 CustomFieldsByProductId: Teamleader Focus Custom Fields by Product ID

Catalog: Teamleader

Schema: V2

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Primary Keys: id

Label: Custom Fields by Product ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByProductId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByProductId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
product_id	string	Record ID	☑	ID of the product for w hich these custom field values provide additional information.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

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9.1.33 CustomFieldsByProjectId: Teamleader Focus Custom Fields by Project ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Project ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByProjectId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByProjectId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
project_id	string	Record ID	☑	ID of the project for which these custom field values provide additional information.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	

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Name	Data Type	Label	Required	Documentation
value_object_type	string	Value of Undefined Type	☐	

9.1.34 CustomFieldsBySubscriptionId: Teamleader Focus Custom Fields by Subscription ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Subscription ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsBySubscriptionId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsBySubscriptionId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
definition_id	string	Definition ID	☑	
definition_type	string	Definition Type	☑	Type of the custom field definition.
subscription_id	string	Record ID	☑	ID of the subscription for which these custom field values provide additional information.
value_as_array	string	Array Value	☐	

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Name	Data Type	Label	Required	Documentation
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.35 CustomFieldsByTaskId: Teamleader Focus Custom Fields by Task ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Custom Fields by Task ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function CustomFieldsByTaskId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function CustomFieldsByTaskId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
definition_id	string	Definition ID	☑	

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Name	Data Type	Label	Required	Documentation
definition_type	string	Definition Type	☑	Type of the custom field definition.
task_id	string	Record ID	☑	ID of the task for which these custom field values provide additional information.
value_as_array	string	Array Value	☐	
value_as_boolean	boolean	Boolean Value	☐	
value_as_number	decimal	Numeric Value	☐	
value_as_string	string	Text Value	☐	
value_object_id	string	ID of Undefined Type	☐	
value_object_type	string	Value of Undefined Type	☐	

9.1.36 DayOffTypes: Teamleader Focus Day-off Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Day-off Types

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function DayOffTypes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☐	

9.1.37 DealById: Teamleader Focus Deal by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Deal by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function DealById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function DealById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
closed_at	datetime	Closed at	☐	
created_at	datetime	Created at	☑	
current_phase_id	string	Current Phase ID	☐	
current_phase_type	string	Current Phase Type	☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
estimated_closing_date	datetime	Estimated Closing Date	☐	
estimated_probability	decimal	Estimated Probability	☐	
estimated_value_amount	decimal	Estimated Value Amount	☐	
estimated_value_currency	string	Currency of Estimated Value Amount	☐	
id	string	ID	☑	
lead_contact_person_id	string	Lead Contact Person ID	☐	
lead_contact_person_type	string	Lead Contact Person Type	☐	
lead_customer_id	string	Lead Customer ID	☐	
lead_customer_type	string	Lead Customer Type	☐	
lost_reason_id	string	Lost Reason ID	☐	
lost_reason_remark	string	Lost Reason Remark	☐	
lost_reason_type	string	Lost Reason Type	☐	

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Name	Data Type	Label	Required	Documentation
pipeline	string		☐	
purchase_order_number	string	Purchase Order Number	☐	
reference	string	Reference	☐	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
source_id	string	Source ID	☐	
source_type	string	Source Type	☐	
status	string	Status	☑	
summary	string	Summary	☐	
title	string(120)	Title	☐	
updated_at	datetime	Updated At	☑	
web_url	string	Web (URL)	☑	
weighted_value_amount	decimal	Weighted Value Amount	☐	
weighted_value_currency	string	Weighted Value Currency	☐	

9.1.38 DealPhaseHistoryByDealId: Teamleader Focus Deal Phase History by Deal ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Deal Phase History by Deal ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function DealPhaseHistoryByDealId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function DealPhaseHistoryByDealId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
deal_closed_at	datetime	Deal Closed at	☐	
deal_created_at	datetime	Deal Created at	☑	
deal_id	string	Deal ID	☑	
deal_purchase_order_number	string	Deal Purchase Order Number	☐	
deal_reference	string	Deal Reference	☐	
deal_status	string	Deal Status	☑	
deal_summary	string	Deal Summary	☐	
deal_title	string(120)	Deal Title	☐	
deal_updated_at	datetime	Deal Updated at	☑	
deal_web_url	string	Deal Web URL	☑	
phase_id	string	Phase ID	☑	
phase_type	string	Phase Type	☑	
started_at	datetime	Started at	☑	
started_by_id	string	Started by User ID	☐	
started_by_type	string	Started by User Type	☐	

9.1.39 DealPhases: Teamleader Focus Deal Phases

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Deal Phases

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table DealPhases are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	

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Name	Data Type	Label	Required	Documentation
name	string	Name	☑	

9.1.40 DealPipelines

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function DealPipelines are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☐	

9.1.41 Deals: Teamleader Focus Deals

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Deals

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Deals. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
created_before	datetime	☐		
estimated_closing_date_from	datetime	☐		
estimated_closing_date_until	datetime	☐		
estimated_closing_date	datetime	☐		
phase_id	guid	☐		
responsible_user_id	guid	☐		
term	string	☐		Search for term in title, reference and customer name.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function Deals are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
closed_at	datetime	Closed at	☐	
created_at	datetime	Created at	☑	
current_phase_id	string	Current Phase ID	☐	
current_phase_type	string	Current Phase Type	☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
estimated_closing_date	datetime	Estimated Closing Date	☐	
estimated_probability	decimal	Estimated Probability	☐	
estimated_value_amount	decimal	Estimated Value Amount	☐	
estimated_value_currency	string	Currency of Estimated Value Amount	☐	
id	string	ID	☑	
lead_contact_person_id	string	Lead Contact Person ID	☐	
lead_contact_person_type	string	Lead Contact Person Type	☐	
lead_customer_id	string	Lead Customer ID	☐	
lead_customer_type	string	Lead Customer Type	☐	
lost_reason_id	string	Lost Reason ID	☐	
lost_reason_remark	string	Lost Reason Remark	☐	
lost_reason_type	string	Lost Reason Type	☐	
pipeline	string		☐	
purchase_order_number	string	Purchase Order Number	☐	

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Name	Data Type	Label	Required	Documentation
reference	string	Reference	☐	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
source_id	string	Source ID	☐	
source_type	string	Source Type	☐	
status	string	Status	☑	
summary	string	Summary	☐	
title	string(120)	Title	☐	
updated_at	datetime	Updated At	☑	
w eb_url	string	Web (URL)	☑	
w eighted_value_amount	decimal	Weighted Value Amount	☐	
w eighted_value_currency	string	Weighted Value Currency	☐	

9.1.42 DealSources: Teamleader Focus Deal Sources

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Deal Sources

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table DealSources are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	

9.1.43 Departments: Teamleader Focus Departments

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Departments

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This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function Departments are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
currency	string	Currency	☐	
id	string	ID	☑	
name	string	Name	☑	
status	string	Status	☐	
vat_number	string	VAT Number	☐	

9.1.44 DocumentTemplates: Teamleader Focus Document Templates

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Document Templates

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function DocumentTemplates. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
department_id	guid	☑		Filter on document templates of a specific department (company entity).

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Name	Data Type	Required	Default Value	Documentation
status	string	☑	One of: delivery_note, invoice, order, order_-confirmation, quota-tion, timetracking_re-port, w orkorder.	

Columns of Table Function

The columns of the table function DocumentTemplates are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
document_type	string		☐	
id	string	ID	☑	
is_default	boolean		☑	
name	string	Name	☑	
status	string	Status	☑	

9.1.45 EmailTracking

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function EmailTracking are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☐	
id	string	ID	☑	
subject_id	string	Subject ID	☐	
subject_type	string	Subject Type	☐	
type	string	Type	☑	

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9.1.46 EventAttendees: Teamleader Focus Event Attendees

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Event Attendees

Documentation:

Persons attending calendar agenda entries.

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function EventAttendees. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
activity_type_id	guid	☐		
done	boolean	☐		
ends_after	datetime	☐		End of the period for w hich to return events.
starts_before	datetime	☐		Start of the period for w hich to return events.
task_id	guid	☐		
term	string	☐		Search for term in title or description.
user_id	guid	☐		

Columns of Table Function

The columns of the table function EventAttendees are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
event_description	string	Event Description	☐	

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Name	Data Type	Label	Required	Documentation
event_ends_at	datetime	Event Ends at	☐	
event_id	string	Event ID	☑	
event_location	string	Event Location	☐	
event_starts_at	datetime	Event Starts at	☐	
event_title	string	Event Title	☐	
id	string	ID	☑	
type	string	Type	☑	

9.1.47 EventLinks: Teamleader Focus Event Links

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Event Links

Documentation:

Links to companies and contacts for calendar agenda entries.

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function EventLinks. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
activity_type_id	guid	☐		
done	boolean	☐		
ends_after	datetime	☐		End of the period for w hich to return events.
starts_before	datetime	☐		Start of the period for w hich to return events.

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Name	Data Type	Required	Default Value	Documentation
task_id	guid	☐		
term	string	☐		Search for term in title or description.
user_id	guid	☐		

Columns of Table Function

The columns of the table function EventLinks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
event_description	string	Event Description	☐	
event_ends_at	datetime	Event Ends at	☐	
event_id	string	Event ID	☑	
event_location	string	Event Location	☐	
event_starts_at	datetime	Event Starts at	☐	
event_title	string	Event Title	☐	
id	string	ID	☑	
type	string	Type	☑	

9.1.48 Events: Teamleader Focus Events

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Events

Documentation:

Calendar agenda entries.

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Events. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
activity_type_id	guid	☐		
done	boolean	☐		
ends_after	datetime	☐		End of the period for w hich to return events.
starts_before	datetime	☐		Start of the period for w hich to return events.
task_id	guid	☐		
term	string	☐		Search for term in title or description.
user_id	guid	☐		

Columns of Table Function

The columns of the table function Events are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
activity_type_id	string	Activity Type ID	☐	
activity_type_type	string	Activity Type Type	☐	
creator_id	string	Creator ID	☐	
creator_type	string	Creator Type	☐	
description	string	Description	☐	
ends_at	datetime	Ends at	☐	
id	string	ID	☑	
location	string	Location	☐	
starts_at	datetime	Starts at	☐	
task_id	string	Task ID	☐	
task_type	string	Task Type	☐	
title	string	Title	☐	

9.1.49 FileById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Parameters of Table Function

The following parameters can be used to control the behaviour of the table function FileById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function FileById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
folder	string	Folder	☐	
id	string	ID	☑	
mime_type	string		☐	
name	string	Name	☐	
size	int64		☐	
subject_id	string	Subject ID	☐	
updated_at	datetime	Updated At	☑	
uploaded_by_id	string		☐	

9.1.50 Files: Teamleader Focus Files

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Files

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Columns of Table Function

The columns of the table function Files are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
folder	string	Folder	☐	
id	string	ID	☑	
mime_type	string		☐	
name	string	Name	☐	
size	int64		☐	
subject_id	string	Subject ID	☐	
updated_at	datetime	Updated At	☑	
uploaded_by_id	string		☐	

9.1.51 InvoiceById: Teamleader Focus Invoice by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Invoice by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function InvoiceById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

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Columns of Table Function

The columns of the table function InvoiceById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☑	
currency	string	Currency	☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
due_on	datetime	Due on	☐	
expected_payment_method	string	Expected Payment Method	☐	
file_id	string	File ID	☐	
file_type	string	File Type	☐	
id	string	ID	☑	
invoice_date	datetime	Invoice Date	☐	
invoice_number	string	Invoice Number	☐	Unique number of the invoice, including year.
invoicee_customer_id	string	Invoicee Customer ID	☑	
invoicee_customer_type	string	Invoicee Customer Type	☑	
invoicee_for_attention_of_contact_id	string	Invoice for Attention of Contact ID	☐	
invoicee_for_attention_of_contact_type	string	Invoice for Attention of Contact Type	☐	
invoicee_for_attention_of_name	string	Invoice for Attention of Name	☐	
invoicee_name	string	Invoicee Name	☑	
invoicee_vat_number	string	Invoicee VAT Number	☐	
note	string	Note	☐	
on_hold_since	datetime		☐	
paid_at	datetime	Paid at	☐	
paid	boolean	Paid	☑	
payment_reference	string	Payment Reference	☐	
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
project_id	string	Project ID	☐	
purchase_order_number	string	Purchase Order Number	☐	
sent	boolean		☑	
status	string	Status	☑	
total_due_amount	decimal	Total Due Amount	☐	

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Name	Data Type	Label	Required	Documentation
total_due_currency	string	Currency of Total Due Amount	☐	
total_payable_amount	decimal	Total Payable Amount	☐	
total_payable_currency	string	Currency of Total Payable Amount	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☑	

9.1.52 InvoiceGroupedLinesById: Teamleader Focus Invoice Grouped Lines by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Invoice Grouped Lines by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function InvoiceGroupedLinesById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

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Columns of Table Function

The columns of the table function InvoiceGroupedLinesById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
invoice_currency	string		☐	
invoice_date	datetime	Invoice Date	☐	
invoice_due_on	datetime	Invoice Due on	☐	
invoice_id	string	Invoice ID	☑	
invoice_number	string	Invoice Number	☐	
invoice_on_hold_since	datetime		☐	
invoice_paid_at	datetime	Invoice is Paid at	☐	
invoice_paid	boolean	Invoice is Paid	☑	
invoice_payment_reference	string	Invoice Payment Reference	☐	
invoice_purchase_order_number	string		☐	
invoice_sent	boolean		☑	
invoice_status	string	Invoice Status	☑	
section_title	string	Section Title	☐	

9.1.53 InvoiceLinesById: Teamleader Focus Invoice Lines by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Invoice Lines by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function InvoiceLinesById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function InvoiceLinesById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
extended_description	string	Extended Description	☐	
group_section_title	string		☐	
invoice_currency	string		☐	
invoice_date	datetime	Invoice Date	☐	
invoice_due_on	datetime	Invoice Due on	☐	
invoice_id	string	Invoice ID	☑	
invoice_number	string	Invoice Number	☐	
invoice_on_hold_since	datetime		☐	
invoice_paid_at	datetime	Invoice is Paid at	☐	
invoice_paid	boolean	Invoice is Paid	☑	
invoice_payment_reference	string	Invoice Payment Reference	☐	
invoice_purchase_order_number	string		☐	
invoice_sent	boolean		☑	
invoice_status	string	Invoice Status	☑	
product_category_id	string	Product Category ID	☐	
product_category_type	string	Product Category Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
tax_id	string	Tax ID	☐	
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	

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Name	Data Type	Label	Required	Documentation
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	

9.1.54 Invoices: Teamleader Focus Invoices

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Invoices

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Invoices. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
deal_id	guid	☐		The ID of the related deal you wish to filter on.
department_id	guid	☐		Filters on a department (company entity).
invoice_date_after	datetime	☐		This date is inclusive.
invoice_date_before	datetime	☐		This date is exclusive.
invoice_number	string	☐		
payment_reference	string	☐		
project_id	guid	☐		The ID of the related project you wish to filter on.
purchase_order_number	string	☐		
term	string	☐		Search for term in invoice number, purchase order number, payment reference and invoicee.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function Invoices are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☑	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
due_on	datetime	Due on	☐	
file_id	string	File ID	☐	
file_type	string	File Type	☐	
id	string	ID	☑	
invoice_date	datetime	Invoice Date	☐	
invoice_number	string	Invoice Number	☐	
invoicee_customer_id	string	Invoicee Customer ID	☑	
invoicee_customer_type	string	Invoicee Customer Type	☑	
invoicee_for_attention_of_contact_id	string	Invoice for Attention of Contact ID	☐	
invoicee_for_attention_of_contact_type	string	Invoice for Attention of Contact Type	☐	
invoicee_for_attention_of_name	string	Invoice for Attention of Name	☐	

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Name	Data Type	Label	Required	Documentation
invoicee_name	string	Invoicee Name	☑	
invoicee_vat_number	string	Invoicee VAT Number	☐	
paid_at	datetime	Paid at	☐	
paid	boolean	Paid	☑	
payment_reference	string	Payment Reference	☐	
project_id	string	Project ID	☐	
purchase_order_number	string	Purchase Order Number	☐	
sent	boolean		☑	
status	string	Status	☑	
total_due_amount	decimal	Total Due Amount	☐	
total_due_currency	string	Currency of Total Due Amount	☐	
total_payable_amount	decimal	Total Payable Amount	☐	
total_payable_currency	string	Currency of Total Payable Amount	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☑	
web_url	string	Web (URL)	☐	

9.1.55 InvoiceTaxes: Teamleader Focus Invoice Taxes

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Invoice Taxes

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function InvoiceTaxes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined

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behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	guid	☐		The ID of the related deal you wish to filter on.
department_id	guid	☐		Filters on a department (company entity).
invoice_date_after	datetime	☐		This date is inclusive.
invoice_date_before	datetime	☐		This date is exclusive.
invoice_number	string	☐		
payment_reference	string	☐		
project_id	guid	☐		The ID of the related project you wish to filter on.
purchase_order_number	string	☐		
term	string	☐		Search for term in invoice number, purchase order number, payment reference and invoicee.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function InvoiceTaxes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
invoice_date	datetime	Invoice Date	☐	
invoice_id	string	Invoice ID	☑	
invoice_number	string	Invoice Number	☐	
invoice_updated_at	datetime		☑	
rate	string	Rate	☐	
tax_amount	decimal	Tax Amount	☐	
tax_currency	string	Currency of Tax Amount	☐	
taxable_amount	decimal	Taxable Amount	☐	
taxable_currency	string	Currency of Taxable Amount	☐	

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9.1.56 LevelTwoAreasByCountry: Teamleader Focus Level 2 Areas by Country

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Level 2 Areas by Country

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function LevelTwoAreasByCountry. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
country	string	☑		
language	string	☐		If not passed, the name is returned in the primary language of the country.

Columns of Table Function

The columns of the table function LevelTwoAreasByCountry are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
country	string	Country	☑	
id	string	ID	☑	
name	string	Name	☑	

9.1.57 LostReasons: Teamleader Focus Lost Reasons

Catalog: Teamleader

Schema: V2

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Primary Keys: id

Label: Lost Reasons

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table LostReasons are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	

9.1.58 MailTemplates

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function MailTemplates. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
department_id	guid	☑		Filter on mail templates of a specific department (company entity).
type	string	☐	One of: invoice, quotation, w ork_order, credit_note.	

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Columns of Table Function

The columns of the table function MailTemplates are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
content_body	string		☑	
content_subject	string		☑	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
id	string	ID	☑	
language	string	Language	☑	
name	string	Name	☑	
type	string	Type	☑	

9.1.59 MaterialByIdV2: Teamleader Focus Material by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Material by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function MaterialByIdV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

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Columns of Table Function

The columns of the table function MaterialByIdV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	
amount_billed_currency	string		☐	
billing_method	string		☐	
billing_status	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	
external_budget_currency	string		☐	
external_budget_spent_amount	decimal		☐	
external_budget_spent_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
group_id	string		☐	
group_type	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
quantity	decimal	Quantity	☐	
start_date	datetime	Start Date	☐	
status	string	Status	☐	
time_estimated_value	decimal		☐	
title	string	Title	☐	
unit_cost_amount	decimal		☐	
unit_cost_currency	string		☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	

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Name	Data Type	Label	Required	Documentation
unit_price_currency	string		☐	
unit_type	string	Unit Type	☐	

9.1.60 MaterialsV2: Teamleader Focus Materials

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Materials

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table MaterialsV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	
amount_billed_currency	string		☐	
billing_method	string		☐	
billing_status	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	
external_budget_currency	string		☐	
external_budget_spent_amount	decimal		☐	
external_budget_spent_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
group_id	string		☐	
group_type	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
quantity	decimal	Quantity	☐	
start_date	datetime	Start Date	☐	
status	string	Status	☐	
time_estimated_value	decimal		☐	
title	string	Title	☐	
unit_cost_amount	decimal		☐	
unit_cost_currency	string		☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_price_currency	string		☐	
unit_type	string	Unit Type	☐	

9.1.61 Me: Teamleader Focus Me

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Me

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table Me are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
account_id	string	Account ID	☑	
account_type	string	Account Type	☑	
email_verification_status	string		☐	
email	string	Email	☐	
first_name	string	First Name	☐	
function	string	Function	☐	
historic_time_tracking_limit_unit	string		☐	
historic_time_tracking_limit_value	decimal		☐	
id	string	ID	☑	
invoiceable	boolean	Invoiceable	☐	

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Name	Data Type	Label	Required	Documentation
language	string	Language	☐	
last_name	string	Last Name	☐	
time_zone	string	Time Zone	☐	
w hitelabeling	boolean		☐	

9.1.62 MeetingById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function MeetingById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		
includes	string	☐	tracked_time	

Columns of Table Function

The columns of the table function MeetingById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☐	
customer_id	string	Customer ID	☐	
deal_id	string	Deal ID	☐	
description	string	Description	☐	

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Name	Data Type	Label	Required	Documentation
duration_unit	string		☐	
duration_value	decimal		☐	
estimated_time_total_unit	string		☐	
estimated_time_total_value	decimal		☐	
id	string	ID	☑	
location_address_area_level_t-w o_id	string		☐	
location_address_city	string		☐	
location_address_country	string		☐	
location_address_line_1	string		☐	
location_address_postal_code	string		☐	
location_id	string		☐	
location_type	string		☐	
milestone_id	string	Milestone ID	☐	
online_meeting_room_id	string		☐	
project_id	string	Project ID	☐	
recurrence_id	string		☐	
scheduled_at	datetime		☐	
status	string	Status	☐	One of open or done.
title	string	Title	☐	
tracked_time_total_unit	string		☐	
tracked_time_total_value	decimal		☐	

9.1.63 Meetings: Teamleader Focus Meetings

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Meetings

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Meetings. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four para-

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meters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
employee_id	string	☐		
end_date	datetime	☐		
milestone_id	string	☐		
recurrence_id	string	☐		
start_date	datetime	☐		
term	string	☐		

Columns of Table Function

The columns of the table function Meetings are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☐	
customer_id	string	Customer ID	☐	
description	string	Description	☐	
duration_unit	string		☐	
duration_value	decimal		☐	
estimated_time_total_unit	string		☐	
estimated_time_total_value	decimal		☐	
id	string	ID	☑	
milestone_id	string	Milestone ID	☐	
project_id	string	Project ID	☐	
recurrence_id	string		☐	
scheduled_at	datetime		☐	
status	string	Status	☐	One of open or done.
title	string	Title	☐	
tracked_time_total_unit	string		☐	
tracked_time_total_value	decimal		☐	

9.1.64 MigrateActivityType: Teamleader Focus Migrated Activity Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

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Label: Migrated Activity Types

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function MigrateActivityType. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
type	string	☑		

Columns of Table Function

The columns of the table function MigrateActivityType are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	guid	ID	☑	
type	string	Type	☑	

9.1.65 MigrateId: Teamleader Focus Migrated IDs

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Migrated IDs

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function MigrateId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	int32	☑		
type	string	☑		

Columns of Table Function

The columns of the table function MigrateId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	guid	ID	☑	
type	string	Type	☑	Available types: account, user, product, contact, company, deal, dealPhase, project, milestone, task, meeting, call, ticket, invoice, creditNote, subscription and quotation.

9.1.66 MigrateTaxRate: Teamleader Focus Migrated Tax Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Migrated Tax Types

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function MigrateTaxRate. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-

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defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
department_id	guid	☑		
tax_rate	string	☑		

Columns of Table Function

The columns of the table function MigrateTaxRate are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	guid	ID	☑	
type	string	Type	☑	Available types: call, meeting and task.

9.1.67 MilestoneById: Teamleader Focus Milestone by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Milestone by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function MilestoneById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function MilestoneById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
actuals_billable_amount_amount	decimal		☐	
actuals_billable_amount_currency	string		☐	
actuals_costs_amount	decimal		☐	
actuals_costs_currency	string		☐	
actuals_result_amount	decimal		☐	
actuals_result_currency	string		☐	
budget_allocated_amount	decimal		☐	
budget_allocated_currency	string		☐	
budget_forecasted_amount	decimal		☐	
budget_forecasted_currency	string		☐	
budget_provided_amount	decimal		☐	
budget_provided_currency	string		☐	
budget_remaining_amount	decimal		☐	
budget_remaining_currency	string		☐	
budget_spent_amount	decimal		☐	
budget_spent_currency	string		☐	
dependency_for_id	string		☐	
dependency_for_type	string		☐	
depends_on_id	string		☐	
depends_on_type	string		☐	
due_on	datetime	Due on	☑	
id	string	ID	☑	
invoicing_method	string		☑	
name	string	Name	☑	
project_id	string	Project ID	☑	
project_type	string	Project Type	☑	
purchase_order_number	string	Purchase Order Number	☐	
responsible_user_id	string	Responsible User ID	☐	

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Name	Data Type	Label	Required	Documentation
responsible_user_type	string	Responsible User Type	☐	
starts_on	datetime	Starts on	☐	
status	string	Status	☑	

9.1.68 Milestones: Teamleader Focus Milestones

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Milestones

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Milestones. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
due_after	datetime	☐		
due_before	datetime	☐		
project_id	guid	☐		
term	string	☐		Search for term in title.

Columns of Table Function

The columns of the table function Milestones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
actuals_billable_amount_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
actuals_billable_amount_currency	string		☐	
actuals_costs_amount	decimal		☐	
actuals_costs_currency	string		☐	
actuals_result_amount	decimal		☐	
actuals_result_currency	string		☐	
budget_allocated_amount	decimal		☐	
budget_allocated_currency	string		☐	
budget_forecasted_amount	decimal		☐	
budget_forecasted_currency	string		☐	
budget_provided_amount	decimal		☐	
budget_provided_currency	string		☐	
budget_remaining_amount	decimal		☐	
budget_remaining_currency	string		☐	
budget_spent_amount	decimal		☐	
budget_spent_currency	string		☐	
dependency_for_id	string		☐	
dependency_for_type	string		☐	
depends_on_id	string		☐	
depends_on_type	string		☐	
due_on	datetime	Due on	☑	
id	string	ID	☑	
invoicing_method	string		☑	
name	string	Name	☑	
project_id	string	Project ID	☑	
project_type	string	Project Type	☑	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
starts_on	datetime	Starts on	☐	
status	string	Status	☑	

9.1.69 MyTelephones: Teamleader Focus My Telephones

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: My Telephones

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Table Columns

The columns of the table MyTelephones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
number	string	Number	☐	
type	string	Type	☑	
user_email	string	User Email	☐	
user_first_name	string		☐	
user_id	string	User ID	☑	
user_last_name	string		☐	

9.1.70 PaymentMethods: Teamleader Focus Payment Methods

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Payment Methods

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function PaymentMethods are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	
status	string	Status	☑	One of 'active' or 'archived'.

9.1.71 PaymentTerms: Teamleader Focus Payment Terms

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Payment Terms

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

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Table Columns

The columns of the table PaymentTerms are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
content	string	Content	☐	
days	decimal	Days	☐	
id	string	ID	☑	
title	string	Title	☐	
type	string	Type	☐	One of: cash, end_of_month or after_invoice_date.

9.1.72 PriceLists: Teamleader Focus Price Lists

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Price Lists

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table PriceLists are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
calculation_method	string		☐	
id	string	ID	☑	
name	string	Name	☑	

9.1.73 ProductById: Teamleader Focus Product by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Product by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function ProductById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ProductById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☐	
c_artikeltext	string		☐	
code	string		☐	
configuration_stock_threshold_action	string		☐	
configuration_stock_threshold_minimum	decimal		☐	
description	string	Description	☐	
id	string	ID	☑	
name	string	Name	☐	
product_category	string		☐	
purchase_price_amount	decimal		☐	
purchase_price_currency	string		☐	
selling_price_amount	decimal		☐	
selling_price_currency	string		☐	
stock_amount	decimal		☐	
unit_id	string	Unit ID	☐	
unit_type	string	Unit Type	☐	
updated_at	datetime	Updated At	☐	

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9.1.74 ProductCategories: Teamleader Focus Product Categories

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Product Categories

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProductCategories. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
department_id	guid	☐		

Columns of Table Function

The columns of the table function ProductCategories are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	

9.1.75 ProductCategoryLedgers: Teamleader Focus Product Category Ledgers

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Product Category Ledgers

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case,

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please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table ProductCategoryLedgers are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
id	string	ID	☑	
ledger_account_number	string	Ledger Account Number	☑	

9.1.76 Products: Teamleader Focus Products

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Products

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Products. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
term	string	☐		Search for term in name and code.
updated_since	datetime	☐		

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Columns of Table Function

The columns of the table function Products are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☐	
code	string		☐	
configuration_stock_threshold_action	string		☐	
configuration_stock_threshold_minimum	decimal		☐	
description	string	Description	☐	
id	string	ID	☑	
name	string	Name	☐	
stock_amount	decimal		☐	
unit_id	string	Unit ID	☐	
unit_type	string	Unit Type	☐	
updated_at	datetime	Updated At	☐	

9.1.77 ProjectAssigneesV2: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Projects

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectAssigneesV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
status	string	☐		Either 'open', 'planned', 'running', 'over_budget', 'closed' or 'over-due'.
term	string	☐		Filters on the project number, title, customer names, assignee names and ow ner names. Terms are split on spaces and all terms need to match.

Columns of Table Function

The columns of the table function ProjectAssigneesV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_id	string	Project ID	☑	
project_key	int32		☐	Positive, sequential integer representing the index of the project for the account
project_title	string	Project Title	☑	
type	string	Type	☐	

9.1.78 ProjectById: Teamleader Focus Project by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ProjectById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
actuals_billable_amount_amount	decimal		☐	
actuals_billable_amount_currency	string		☐	
actuals_costs_amount	decimal		☐	
actuals_costs_currency	string		☐	
actuals_profit_percentage	string		☐	
actuals_result_amount	decimal		☐	
actuals_result_currency	string		☐	
budget_allocated_amount	decimal		☐	
budget_allocated_currency	string		☐	
budget_forecasted_amount	decimal		☐	
budget_forecasted_currency	string		☐	
budget_provided_amount	decimal		☐	
budget_provided_currency	string		☐	
budget_remaining_amount	decimal		☐	
budget_remaining_currency	string		☐	
budget_spent_materials_amount	decimal		☐	
budget_spent_materials_currency	string		☐	
budget_spent_time_amount	decimal		☐	
budget_spent_time_currency	string		☐	
budget_spent_total_amount	decimal		☐	
budget_spent_total_currency	string		☐	
c_array	string		☐	
c_betaling_project	string		☐	
c_budget_volgende_fase	string		☐	
c_dealnummer	string		☐	
customer_id	string	Customer ID	☐	
customer_type	string	Customer Type	☐	
description	string	Description	☐	
due_on	datetime	Due on	☐	
id	string	ID	☑	
purchase_order_number	string	Purchase Order Number	☐	Purchase order number of the project.

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Name	Data Type	Label	Required	Documentation
reference	string	Reference	☑	
source_id	string	Source ID	☐	
source_type	string	Source Type	☐	
starts_on	datetime	Starts on	☐	
status	string	Status	☑	
title	string	Title	☑	

9.1.79 ProjectByIdV2: Teamleader Focus Project by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectByIdV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ProjectByIdV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	
amount_billed_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
amount_paid_amount	decimal		☐	
amount_paid_currency	string		☐	
billing_method	string		☐	
calculated_price_amount	decimal		☐	
calculated_price_currency	string		☐	
color	string		☐	
company_entity_id	string		☐	
company_entity_type	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
description	string	Description	☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	
external_budget_currency	string		☐	
external_budget_spent_amount	decimal		☐	
external_budget_spent_currency	string		☐	
fixed_amount_billed_amount	decimal		☐	
fixed_amount_billed_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	
project_key	int32		☐	Positive, sequential integer representing the index of the project for the account
start_date	datetime	Start Date	☐	
status	string	Status	☐	
time_budget_unit	string		☐	
time_budget_value	decimal		☐	
time_tracked_unit	string		☐	
time_tracked_value	decimal		☐	
title	string	Title	☑	
update_rights	string		☐	

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9.1.80 ProjectCustomersV2

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectCustomersV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
status	string	☐		Either 'open', 'planned', 'running', 'over_budget', 'closed' or 'overdue'.
term	string	☐		Filters on the project number, title, customer names, assignee names and ow ner names. Terms are split on spaces and all terms need to match.

Columns of Table Function

The columns of the table function ProjectCustomersV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_id	string	Project ID	☑	
type	string	Type	☐	

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9.1.81 ProjectDealsV2

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectDealsV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
status	string	☐		Either 'open', 'planned', 'running', 'over_budget', 'closed' or 'overdue'.
term	string	☐		Filters on the project number, title, customer names, assignee names and owner names. Terms are split on spaces and all terms need to match.

Columns of Table Function

The columns of the table function ProjectDealsV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_id	string	Project ID	☑	
project_key	int32		☐	Positive, sequential integer representing the index of the project for the account
project_title	string	Project Title	☑	
type	string	Type	☐	

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9.1.82 ProjectGroupsV2: Teamleader Focus Project Groups

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project Groups

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectGroupsV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	guid	☐		

Columns of Table Function

The columns of the table function ProjectGroupsV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	
amount_billed_currency	string		☐	
billing_method	string		☐	
billing_status	string		☐	
calculated_price_amount	decimal		☐	
calculated_price_currency	string		☐	
color	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
external_budget_currency	string		☐	
external_budget_spent_amount	decimal		☐	
external_budget_spent_currency	string		☐	
fixed_amount_billed_amount	decimal		☐	
fixed_amount_billed_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
start_date	datetime	Start Date	☐	
time_estimated_unit	string		☐	
time_estimated_value	decimal		☐	
time_tracked_unit	string		☐	
time_tracked_value	decimal		☐	
title	string	Title	☐	

9.1.83 ProjectItemsByProjectId: Teamleader Focus Project Items

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project Items

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectItemsByProjectId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
activity_type_id	string	☐		
milestone_id	string	☐		
participant_id	string	☐		
project_id	string	☑		
tracked_time	string	☐		Choose from 'tracked_time', 'external_cost_item' or 'time_tracking_product'.
w ork_type_id	string	☐		

Columns of Table Function

The columns of the table function ProjectItemsByProjectId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
activity_type_id	string	Activity Type ID	☐	
activity_type_type	string	Activity Type Type	☐	
added_at	datetime	Added At	☐	
billable_price_per_unit_amount	decimal	Billable Price Amount per Unit	☐	
billable_price_per_unit_currency	string	Billable Price Currency per Unit	☐	
description	string	Description	☐	
id	string	ID	☑	
internal_cost_per_unit	decimal	Internal Cost per Unit	☐	
milestone_id	string	Milestone ID	☐	
milestone_type	string	Milestone Type	☐	
occurred_at	datetime	Occurred at	☐	
participant_id	string	Participant ID	☐	
participant_type	string	Participant Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
quantity	decimal	Quantity	☐	

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Name	Data Type	Label	Required	Documentation
total_billable_price_amount	decimal	Total Billable Price Amount	☐	
total_billable_price_currency	string	Total Billable Price Currency	☐	
total_internal_cost	decimal		☐	
tracked_time	string		☐	
unit	string	Unit	☐	
updated_at	datetime	Updated At	☐	
w orktype_id	string	Worktype ID	☐	
w orktype_type	string	Worktype Type	☐	

9.1.84 ProjectLinesByProjectIdV2: Teamleader Focus Project Lines

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project Lines

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectLinesByProjectIdV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
project_id	guid	☑		

Columns of Table Function

The columns of the table function ProjectLinesByProjectIdV2 are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
group_id	string		☐	
group_type	string		☐	
line_id	string		☐	
line_type	string		☐	

9.1.85 ProjectMilestonesByProjectId: Teamleader Focus Project Milestones by Project ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project Milestones by Project ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectMilestonesByProjectId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ProjectMilestonesByProjectId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_description	string	Project Description	☐	
project_due_on	datetime	Project Due on	☐	
project_id	string	Project ID	☑	

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Name	Data Type	Label	Required	Documentation
project_purchase_order_number	string	Project Purchase Order Number	☐	Purchase order number of the project.
project_reference	string	Project Reference	☑	
project_starts_on	datetime	Project Starts on	☐	
project_status	string	Project Status	☑	
project_title	string	Project Title	☑	
type	string	Type	☐	

9.1.86 ProjectOwnersV2: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Projects

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectOwnersV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
status	string	☐		Either 'open', 'planned', 'running', 'over_budget', 'closed' or 'overdue'.
term	string	☐		Filters on the project number, title, customer names, assignee names and owner names. Terms are split on spaces and all terms need to match.

Columns of Table Function

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The columns of the table function ProjectOwnersV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_id	string	Project ID	☑	
project_key	int32		☐	Positive, sequential integer representing the index of the project for the account
project_title	string	Project Title	☑	
type	string	Type	☐	

9.1.87 ProjectParticipantsByProjectId: Teamleader Focus Project Participants by Project ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Project Participants by Project ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectParticipantsByProjectId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function ProjectParticipantsByProjectId are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_description	string	Project Description	☐	
project_due_on	datetime	Project Due on	☐	
project_id	string	Project ID	☑	
project_purchase_order_number	string	Project Purchase Order Number	☐	Purchase order number of the project.
project_reference	string	Project Reference	☑	
project_starts_on	datetime	Project Starts on	☐	
project_status	string	Project Status	☑	
project_title	string	Project Title	☑	
role	string	Role	☐	
type	string	Type	☐	

9.1.88 ProjectQuotationsV2: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Projects

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectQuotationsV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
status	string	☐		Either 'open', 'planned', 'running', 'over_budget', 'closed' or 'overdue'.
term	string	☐		Filters on the project number, title, customer names, assignee

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Name	Data Type	Required	Default Value	Documentation
				names and owner names. Terms are split on spaces and all terms need to match.

Columns of Table Function

The columns of the table function ProjectQuotationsV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_id	string	Project ID	☑	
project_key	int32		☐	Positive, sequential integer representing the index of the project for the account
project_title	string	Project Title	☑	
type	string	Type	☐	

9.1.89 Projects: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Projects

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Projects. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

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Name	Data Type	Required	Default Value	Documentation
participant_id	guid	☐		
term	string	☐		Search for term in title and description.
updated_since	datetime	☐		

Columns of Table Function

The columns of the table function Projects are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
actuals_billable_amount_amount	decimal		☐	
actuals_billable_amount_currency	string		☐	
actuals_costs_amount	decimal		☐	
actuals_costs_currency	string		☐	
actuals_profit_percentage	decimal		☐	
actuals_result_amount	decimal		☐	
actuals_result_currency	string		☐	
budget_allocated_amount	decimal		☐	
budget_allocated_currency	string		☐	
budget_forecasted_amount	decimal		☐	
budget_forecasted_currency	string		☐	
budget_provided_amount	decimal		☐	
budget_provided_currency	string		☐	
budget_remaining_amount	decimal		☐	
budget_remaining_currency	string		☐	
budget_spent_materials_amount	decimal		☐	
budget_spent_materials_currency	string		☐	
budget_spent_time_amount	decimal		☐	
budget_spent_time_currency	string		☐	
budget_spent_total_amount	decimal		☐	
budget_spent_total_currency	string		☐	
created_at	datetime	Created at	☐	
customer_id	string	Customer ID	☐	
customer_type	string	Customer Type	☐	
description	string	Description	☐	
due_on	datetime	Due on	☑	
id	string	ID	☑	
reference	string	Reference	☑	
source_id	string	Source ID	☐	
source_type	string	Source Type	☐	
starts_on	datetime	Starts on	☑	

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Name	Data Type	Label	Required	Documentation
status	string	Status	☑	
title	string	Title	☑	

9.1.90 ProjectsV2: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Projects

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function ProjectsV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
status	string	☐		Either 'open', 'planned', 'running', 'over_budget', 'closed' or 'overdue'.
term	string	☐		Filters on the project number, title, customer names, assignee names and ow ner names. Terms are split on spaces and all terms need to match.

Columns of Table Function

The columns of the table function ProjectsV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
amount_billed_currency	string		☐	
amount_paid_amount	decimal		☐	
amount_paid_currency	string		☐	
billing_method	string		☐	
calculated_price_amount	decimal		☐	
calculated_price_currency	string		☐	
color	string		☐	
company_entity_id	string		☐	
company_entity_type	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
description	string	Description	☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	
external_budget_currency	string		☐	
external_budget_spent_amount	decimal		☐	
external_budget_spent_currency	string		☐	
fixed_amount_billed_amount	decimal		☐	
fixed_amount_billed_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	
project_key	int32		☐	Positive, sequential integer representing the index of the project for the account
start_date	datetime	Start Date	☐	
status	string	Status	☐	
time_budget_unit	string		☐	
time_budget_value	decimal		☐	
time_tracked_unit	string		☐	
time_tracked_value	decimal		☐	
title	string	Title	☑	

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9.1.91 QuotationById: Teamleader Focus Quotation by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Quotation by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function QuotationById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function QuotationById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
action_after_expiry	string		☐	
created_at	datetime	Created at	☐	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
currency	string	Currency	☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
document_template_id	string		☐	
expires_after	datetime		☐	
id	string	ID	☑	

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Name	Data Type	Label	Required	Documentation
lock_after_expiry	boolean		☐	
status	string	Status	☐	
total_purchase_price_amount	decimal		☐	
total_purchase_price_currency	string		☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☐	

9.1.92 QuotationGroupedLinesById: Teamleader Focus Quotation Grouped Lines by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Quotation Grouped Lines by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function QuotationGroupedLinesById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four para-

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meters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function QuotationGroupedLinesById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
quotation_currency_exchange_rate_from	string		☐	
quotation_currency_exchange_rate_rate	decimal		☐	
quotation_currency_exchange_rate_to	string		☐	
quotation_currency	string		☐	
quotation_deal_id	string		☐	
quotation_deal_type	string		☐	
quotation_document_template_id	string		☐	
quotation_id	string		☑	
quotation_status	string		☐	
section_title	string	Section Title	☐	

9.1.93 QuotationLinesById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function QuotationLinesById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function QuotationLinesById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
action_after_expiry	string		☐	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
expires_after	datetime		☐	
extended_description	string	Extended Description	☐	
group_section_title	string		☐	
lock_after_expiry	boolean		☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
quotation_currency_exchange_rate_from	string		☐	
quotation_currency_exchange_rate_rate	decimal		☐	
quotation_currency_exchange_rate_to	string		☐	
quotation_currency	string		☐	
quotation_deal_id	string		☐	
quotation_deal_type	string		☐	
quotation_document_template_id	string		☐	
quotation_id	string		☑	
quotation_status	string		☐	
tax_id	string	Tax ID	☐	

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Name	Data Type	Label	Required	Documentation
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	

9.1.94 Quotations: Teamleader Focus Quotations

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Quotations

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function Quotations are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
action_after_expiry	string		☐	
created_at	datetime	Created at	☐	

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Name	Data Type	Label	Required	Documentation
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
expires_after	datetime		☐	
id	string	ID	☑	
lock_after_expiry	boolean		☐	
status	string	Status	☐	
total_purchase_price_amount	decimal		☐	
total_purchase_price_currency	string		☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☐	

9.1.95 SubscriptionById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function SubscriptionById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function SubscriptionById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_cycle_days_in_advance	string		☐	
billing_cycle_periodicity_period	string		☐	
billing_cycle_periodicity_unit	string		☐	
currency	string	Currency	☐	
department_id	string	Department ID	☐	
ends_on	datetime		☐	
id	string	ID	☑	
invoicee_customer_id	string	Invoicee Customer ID	☐	
invoicee_customer_type	string	Invoicee Customer Type	☐	
invoicee_for_attention_of_contact_id	string	Invoice for Attention of Contact ID	☐	
invoicee_for_attention_of_contact_type	string	Invoice for Attention of Contact Type	☐	
invoicee_for_attention_of_name	string	Invoice for Attention of Name	☐	
invoicee_name	string	Invoicee Name	☐	
invoicee_vat_number	string	Invoicee VAT Number	☐	
next_renew al_date	datetime	Next Renew al Date	☐	
note	string	Note	☐	Uses Markdow n formatting.
project_id	string	Project ID	☐	
starts_on	datetime	Starts on	☐	
status	string	Status	☐	

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Name	Data Type	Label	Required	Documentation
title	string	Title	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
web_url	string	Web (URL)	☐	

9.1.96 SubscriptionGroupedLinesBySubscriptionId: Teamleader Focus Subscription Grouped Lines by Subscription ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Subscription Grouped Lines by Subscription ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function SubscriptionGroupedLinesBySubscriptionId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function SubscriptionGroupedLinesBySubscriptionId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
section_title	string	Section Title	☐	
subscription_billing_-cycle_days_in_advance	string	Subscription Billing Cycle Days in Advance	☐	
subscription_billing_cycle_periodicity_period	string	Subscription Billing Cycle Periodicity Period	☐	
subscription_billing_cycle_periodicity_unit	string	Subscription Billing Cycle Periodicity Unit	☐	
subscription_currency	string		☐	
subscription_department_id	string	Subscription Department ID	☐	
subscription_ends_on	datetime	Subscription Ends on	☐	
subscription_id	string	Subscription ID	☑	
subscription_invoicee_customer_id	string	Subscription Invoicee Customer ID	☐	
subscription_invoicee_customer_-type	string	Subscription Invoicee Customer Type	☐	
subscription_invoicee_for_attention_of_contact_id	string	Subscription Invoicee for Attention of Contact ID	☐	
subscription_invoicee_for_attention_of_contact_type	string	Subscription Invoicee for Attention of Contact Type	☐	
subscription_invoicee_for_attention_of_name	string	Subscription Invoicee for Attention of Name	☐	
subscription_invoicee_name	string	Subscription Invoicee Name	☐	
subscription_invoicee_vat_number	string	Subscription Invoicee VAT Number	☐	
subscription_next_renew al_date	datetime	Subscription Next Renew al Date	☐	
subscription_note	string	Subscription Note	☐	Uses Markdow n formatting.
subscription_project_id	string	Subscription Project ID	☐	
subscription_starts_on	datetime	Subscription Starts on	☐	
subscription_status	string	Subscription Status	☐	

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Name	Data Type	Label	Required	Documentation
subscription_title	string	Subscription Title	☐	
subscription_total_tax_exclusive_amount	decimal	Subscription Total Tax Exclusive Amount	☐	
subscription_total_tax_exclusive_before_discount_amount	decimal	Subscription Total Tax Exclusive before Discount Amount	☐	
subscription_total_tax_exclusive_before_discount_currency	string	Subscription Total Tax Exclusive before Discount Currency	☐	
subscription_total_tax_exclusive_currency	string	Subscription Total Tax Exclusive Currency	☐	
subscription_total_tax_inclusive_amount	decimal	Subscription Total Tax Inclusive Amount	☐	
subscription_total_tax_inclusive_before_discount_amount	decimal	Subscription Total Tax Inclusive before Discount Amount	☐	
subscription_total_tax_inclusive_before_discount_currency	string	Subscription Total Tax Inclusive before Discount Currency	☐	
subscription_total_tax_inclusive_currency	string	Subscription Total Tax Inclusive Currency	☐	
subscription_web_url	string	Subscription Web URL	☐	

9.1.97 SubscriptionLinesBySubscriptionId: Teamleader Focus Subscription Lines by Subscription ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Subscription Lines by Subscription ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function SubscriptionLinesBySubscriptionId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the

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default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function SubscriptionLinesBySubscriptionId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
extended_description	string	Extended Description	☐	
product_category_id	string	Product Category ID	☐	
product_category_type	string	Product Category Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
section_title	string	Section Title	☐	
subscription_billing_-cycle_days_in_advance	string	Subscription Billing Cycle Days in Ad-vance	☐	
subscription_billing_cycle_period-icity_period	string	Subscription Billing Cycle Periodicity Period	☐	
subscription_billing_cycle_period-icity_unit	string	Subscription Billing Cycle Periodicity Unit	☐	
subscription_currency	string		☐	
subscription_department_id	string	Subscription Depart-ment ID	☐	
subscription_ends_on	datetime	Subscription Ends on	☐	
subscription_id	string	Subscription ID	☑	
subscription_invoicee_customer_id	string	Subscription Invoicee Customer ID	☐	
subscription_invoicee_customer_-type	string	Subscription Invoicee Customer Type	☐	
subscription_invoicee_for_atten-tion_of_contact_id	string	Subscription Invoicee for Attention of Contact ID	☐	
subscription_invoicee_for_atten-tion_of_contact_type	string	Subscription Invoicee for Attention of Contact Type	☐	
subscription_invoicee_for_atten-tion_of_name	string	Subscription Invoicee for Attention of Name	☐	

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Name	Data Type	Label	Required	Documentation
subscription_invoicee_name	string	Subscription Invoicee Name	☐	
subscription_invoicee_vat_number	string	Subscription Invoicee VAT Number	☐	
subscription_next_renew al_date	datetime	Subscription Next Renew al Date	☐	
subscription_note	string	Subscription Note	☐	Uses Markdow n formatting.
subscription_project_id	string	Subscription Project ID	☐	
subscription_starts_on	datetime	Subscription Starts on	☐	
subscription_status	string	Subscription Status	☐	
subscription_title	string	Subscription Title	☐	
subscription_total_tax_exclusive_amount	decimal	Subscription Total Tax Exclusive Amount	☐	
subscription_total_tax_exclusive_before_discount_amount	decimal	Subscription Total Tax Exclusive before Discount Amount	☐	
subscription_total_tax_exclusive_before_discount_currency	string	Subscription Total Tax Exclusive before Discount Currency	☐	
subscription_total_tax_exclusive_currency	string	Subscription Total Tax Exclusive Currency	☐	
subscription_total_tax_inclusive_amount	decimal	Subscription Total Tax Inclusive Amount	☐	
subscription_total_tax_inclusive_before_discount_amount	decimal	Subscription Total Tax Inclusive before Discount Amount	☐	
subscription_total_tax_inclusive_before_discount_currency	string	Subscription Total Tax Inclusive before Discount Currency	☐	
subscription_total_tax_inclusive_currency	string	Subscription Total Tax Inclusive Currency	☐	
subscription_w eb_url	string	Subscription Web URL	☐	
tax_id	string	Tax ID	☐	
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	

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Name	Data Type	Label	Required	Documentation
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	
withheld_tax_id	string	Withheld Tax ID	☐	
withheld_tax_type	string	Withheld Tax Type	☐	

9.1.98 Subscriptions: Teamleader Focus Subscriptions

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Subscriptions

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Subscriptions. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
deal_id	guid	☐		Filter on subscriptions created from a deal.
department_id	guid	☐		Filter on subscriptions of a specific department (company entity).

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Name	Data Type	Required	Default Value	Documentation
invoice_id	guid	☐		Find subscriptions that generated the given invoice.

Columns of Table Function

The columns of the table function Subscriptions are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_cycle_days_in_advance	string		☐	
billing_cycle_periodicity_period	string		☐	
billing_cycle_periodicity_unit	string		☐	
department_id	string	Department ID	☐	
ends_on	datetime		☐	
id	string	ID	☑	
invoicee_customer_id	string	Invoicee Customer ID	☐	
invoicee_customer_type	string	Invoicee Customer Type	☐	
invoicee_for_attention_of_contact_id	string	Invoice for Attention of Contact ID	☐	
invoicee_for_attention_of_contact_type	string	Invoice for Attention of Contact Type	☐	
invoicee_for_attention_of_name	string	Invoice for Attention of Name	☐	
invoicee_name	string	Invoicee Name	☐	
invoicee_vat_number	string	Invoicee VAT Number	☐	
next_renew al_date	datetime	Next Renew al Date	☐	
note	string	Note	☐	Uses Markdow n formatting.
project_id	string	Project ID	☐	
starts_on	datetime	Starts on	☐	
status	string	Status	☐	
title	string	Title	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	

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Name	Data Type	Label	Required	Documentation
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
web_url	string	Web (URL)	☐	

9.1.99 Tags: Teamleader Focus Tags

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Tags

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table Tags are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
tag	string	Tag	☑	

9.1.100 TaskById: Teamleader Focus Task by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Task by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TaskById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function TaskById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
assignee_id	string		☐	
assignee_type	string		☐	
c_autoincrement	int32		☐	
c_company	guid		☐	
c_date	datetime		☐	
completed_at	datetime		☐	
completed	boolean		☐	
customer_id	string	Customer ID	☐	
customer_type	string	Customer Type	☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
description	string	Description	☐	
due_on	datetime	Due on	☐	
estimated_duration_unit	string		☐	
estimated_duration_value	decimal		☐	
id	string	ID	☑	
milestone_id	string	Milestone ID	☐	
milestone_type	string	Milestone Type	☐	
priority	string	Priority	☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
ticket_id	string	Ticket ID	☐	
title	string	Title	☐	
w ork_type_id	string	Work Type ID	☐	
w ork_type_type	string	Work Type Type	☐	

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9.1.101 TaskByIdV2: Teamleader Focus Task by ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Task by ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TaskByIdV2. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function TaskByIdV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	
amount_billed_currency	string		☐	
billing_method	string		☐	
billing_status	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
custom_rate_amount	decimal		☐	
custom_rate_currency	string		☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	
external_budget_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
external_budget_spent_amount	decimal		☐	
external_budget_spent_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
group_id	string		☐	
group_type	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
start_date	datetime	Start Date	☐	
status	string	Status	☐	
task_id	string	Task ID	☐	
task_type	string	Task Type	☐	
time_estimated_unit	string		☐	
time_estimated_value	decimal		☐	
time_tracked_unit	string		☐	
time_tracked_value	decimal		☐	
title	string	Title	☐	
unit_cost_amount	decimal		☐	
unit_cost_currency	string		☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_price_currency	string		☐	
work_id	string		☐	
work_type	string		☐	

9.1.102 Tasks: Teamleader Focus Tasks

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Tasks

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-

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ter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Tasks. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
completed	boolean	☐		
due_by	datetime	☐		
due_from	datetime	☐		
milestone_id	guid	☐		
scheduled	boolean	☐		
term	string	☐		Search for term in description.
user_id	guid	☐		Returns tasks that are assigned to this user or to a team to w hich this user belongs. When passing null, it returns tasks that are unassigned.

Columns of Table Function

The columns of the table function Tasks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☐	
assignee_id	string		☐	
assignee_type	string		☐	
completed_at	datetime		☐	
completed	boolean		☐	
customer_id	string	Customer ID	☐	
customer_type	string	Customer Type	☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
description	string	Description	☐	

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Name	Data Type	Label	Required	Documentation
due_on	datetime	Due on	☐	
estimated_duration_unit	string		☐	
estimated_duration_value	decimal		☐	
id	string	ID	☑	
milestone_id	string	Milestone ID	☐	
milestone_type	string	Milestone Type	☐	
priority	string	Priority	☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
ticket_id	string	Ticket ID	☐	
title	string	Title	☐	
w ork_type_id	string	Work Type ID	☐	
w ork_type_type	string	Work Type Type	☐	

9.1.103 TasksV2: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Projects

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table TasksV2 are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
amount_billed_amount	decimal		☐	
amount_billed_currency	string		☐	
billing_method	string		☐	
billing_status	string		☐	
cost_amount	decimal		☐	
cost_currency	string		☐	
custom_rate_amount	decimal		☐	
custom_rate_currency	string		☐	
end_date	datetime		☐	
external_budget_amount	decimal		☐	
external_budget_currency	string		☐	
external_budget_spent_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
external_budget_spent_currency	string		☐	
fixed_price_amount	decimal		☐	
fixed_price_currency	string		☐	
group_id	string		☐	
group_type	string		☐	
id	string	ID	☑	
internal_budget_amount	decimal		☐	
internal_budget_currency	string		☐	
margin_amount	decimal		☐	
margin_currency	string		☐	
margin_percentage	decimal		☐	Null if the user does not have access to "Costs on projects".
price_amount	decimal		☐	
price_currency	string		☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
start_date	datetime	Start Date	☐	
status	string	Status	☐	
task_id	string	Task ID	☐	
task_type	string	Task Type	☐	
time_estimated_unit	string		☐	
time_estimated_value	decimal		☐	
time_tracked_unit	string		☐	
time_tracked_value	decimal		☐	
title	string	Title	☐	
unit_cost_amount	decimal		☐	
unit_cost_currency	string		☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_price_currency	string		☐	
w ork_id	string		☐	
w ork_type	string		☐	

9.1.104 TaxRates: Teamleader Focus Tax Rates

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Tax Rates

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the lat-

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ter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TaxRates. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
department_id	guid	☐		

Columns of Table Function

The columns of the table function TaxRates are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
description	string	Description	☑	
id	string	ID	☑	
rate	decimal	Rate	☑	

9.1.105 TeamMembers

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TeamMembers. A value must be provided at all times for required parameters, but optional

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parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
team_lead_id	guid	☐		Filters on teamleader person.
term	string	☐		Filters on name.

Columns of Table Function

The columns of the table function TeamMembers are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
team_id	string	Team ID	☑	
team_lead_id	string		☐	
team_lead_type	string		☐	
team_name	string	Team Name	☐	
type	string	Type	☑	

9.1.106 Teams: Teamleader Focus Teams

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Teams

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Teams. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Val-

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ues can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
team_lead_id	guid	☐		Filters on teamleader person.
term	string	☐		Filters on name.

Columns of Table Function

The columns of the table function Teams are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☐	
team_lead_id	string		☐	
team_lead_type	string		☐	

9.1.107 TicketById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TicketById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

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Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function TicketById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
assignee_id	string		☐	
closed_at	datetime	Closed at	☐	
created_at	datetime	Created at	☑	
customer_id	string	Customer ID	☐	
description	string	Description	☐	
id	string	ID	☑	
last_message_at	datetime		☐	
participant_customer_id	string		☐	
status_id	string		☐	
subject	string	Subject	☐	

9.1.108 TicketMessagesByTicketId: Teamleader Focus Ticket Messages

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Ticket Messages

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TicketMessagesByTicketId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four para-

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meters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
created_after	datetime	☐		
created_before	datetime	☐		
id	string	☑		
type	string	☐		One of: customer, internal or thirdParty.

Columns of Table Function

The columns of the table function TicketMessagesByTicketId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
body	string		☐	
created_at	datetime	Created at	☑	
message_id	string		☑	
sent_by_id	string		☐	
type	string	Type	☐	One of customer, internal or thirdParty.

9.1.109 Tickets: Teamleader Focus Tickets

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Tickets

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function Tickets are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
assignee_id	string		☐	
closed_at	datetime	Closed at	☐	

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Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☑	
customer_id	string	Customer ID	☐	
id	string	ID	☑	
last_message_at	datetime		☐	
participant_customer_id	string		☐	
status_id	string		☐	
subject	string	Subject	☐	

9.1.110 TicketStatuses

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Columns of Table Function

The columns of the table function TicketStatuses are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
label	string	Label	☐	Only available for custom type of status.
status	string	Status	☐	One of new , open, w aiting_-for_client, escalated_thirdparty, closed or custom.

9.1.111 TimeTracking: Teamleader Focus Time Tracking

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Time Tracking

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

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The following parameters can be used to control the behaviour of the table function TimeTracking. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
ended_after	datetime	☐		Start of the period for which to return time tracking. This includes time tracking that ended at the date provided.
ended_before	datetime	☐		End of the period for which to return time tracking. This includes time tracking that ended at the date provided.
started_after	datetime	☐		Start of the period for which to return time tracking. This includes time tracking that started on the date provided.
started_before	datetime	☐		End of the period for which to return time tracking. This includes time tracking that started on the date provided.
user_id	guid	☐		

Columns of Table Function

The columns of the table function TimeTracking are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
duration	int64	Duration	☑	Duration in seconds.
ended_at	datetime	Ended at	☐	
id	string	ID	☑	
invoiceable	boolean	Invoiceable	☐	
started_at	datetime	Started at	☐	
started_on	datetime	Started on	☑	
subject_id	string	Subject ID	☐	
subject_type	string	Subject Type	☐	
user_id	string	User ID	☑	

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Name	Data Type	Label	Required	Documentation
user_type	string	User Type	☑	
w ork_type_id	string	Work Type ID	☐	
w ork_type_type	string	Work Type Type	☐	

9.1.112 TimeTrackingById

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TimeTrackingById. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function TimeTrackingById are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
billing_info_invoice_id	string		☐	
billing_info_invoice_type	string		☐	
billing_info_type	string		☐	
description	string	Description	☐	
duration	int64	Duration	☑	Duration in seconds.
ended_at	datetime	Ended at	☐	

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Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
invoiceable	boolean	Invoiceable	☐	
locked	boolean		☐	If true, the freeze time w indow has passed since creating it.
started_at	datetime	Started at	☐	
started_on	datetime	Started on	☑	
subject_id	string	Subject ID	☐	
subject_type	string	Subject Type	☐	
user_id	string	User ID	☑	
user_type	string	User Type	☑	
w ork_type_id	string	Work Type ID	☐	
w ork_type_type	string	Work Type Type	☐	

9.1.113 TimeTrackingMaterialsByTimeTrackingId

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function TimeTrackingMaterialsByTimeTrackingId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		
includes	string	☐	materials	When materials, the response w ill include materials.

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Columns of Table Function

The columns of the table function TimeTrackingMaterialsByTimeTrackingId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☑	
product	string	Product	☐	
quantity	decimal	Quantity	☑	
time_billing_info_invoice_id	string		☐	
time_billing_info_invoice_type	string		☐	
time_billing_info_type	string		☐	
time_description	string		☐	
time_duration	int64		☑	Duration in seconds.
time_ended_at	datetime		☐	
time_id	string		☑	
time_invoiceable	boolean		☐	
time_locked	boolean		☐	If true, the freeze time w indow has passed since creating it.
time_started_at	datetime		☐	
time_started_on	datetime		☑	
time_subject_id	string		☐	
time_subject_type	string		☐	
time_user_id	string		☑	
time_user_type	string		☑	
time_w ork_type_id	string		☐	
time_w ork_type_type	string		☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_price_currency	string		☐	

9.1.114 UnitsOfMeasure

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table UnitsOfMeasure are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	

9.1.115 UserDaysOffByUserId: Teamleader Focus Days-off by User ID

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Days-off by User ID

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function UserDaysOffByUserId. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
id	string	☑		

Columns of Table Function

The columns of the table function UserDaysOffByUserId are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
ends_at	datetime	Ends at	☐	
id	string	ID	☑	
leave_type_id	string		☐	
starts_at	datetime	Starts at	☐	
status	string	Status	☑	One of: approved, not_approved, pending.

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Name	Data Type	Label	Required	Documentation
user_id	string	User ID	☑	

9.1.116 Users: Teamleader Focus Users

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Users

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function Users. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
status	string	☐	active,deactivated	Choose between 'active' (default), 'deactivated' or a combination separated by comma.
term	string	☐		Search for term in first name, last name and email address.

Columns of Table Function

The columns of the table function Users are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
account_id	string	Account ID	☑	
account_type	string	Account Type	☑	
email	string	Email	☐	
first_name	string	First Name	☐	

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Name	Data Type	Label	Required	Documentation
function	string	Function	☐	
id	string	ID	☑	
language	string	Language	☐	
last_name	string	Last Name	☐	
status	string	Status	☐	

9.1.117 UserTeams

Catalog: Teamleader

Schema: V2

Primary Keys: id

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table UserTeams are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
type	string	Type	☑	
user_email	string	User Email	☐	
user_first_name	string		☐	
user_id	string	User ID	☑	
user_last_name	string		☐	

9.1.118 UserTelephones: Teamleader Focus User Telephones

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: User Telephones

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table UserTelephones are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
number	string	Number	☐	
type	string	Type	☑	
user_email	string	User Email	☐	
user_first_name	string		☐	
user_id	string	User ID	☑	
user_last_name	string		☐	

9.1.119 Webhooks: Teamleader Focus Webhooks

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Webhooks

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table Webhooks are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
url	string		☑	

9.1.120 WebhookTypes: Teamleader Focus Webhook Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Webhook Types

This is a read-only table. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Table Columns

The columns of the table WebhookTypes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
type	string	Type	☑	
url	string		☑	

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9.1.121 WithholdingTaxRates: Teamleader Focus With-holding Tax Rates

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: With-holding Tax Rates

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function WithholdingTaxRates. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
department_id	guid	☐		

Columns of Table Function

The columns of the table function WithholdingTaxRates are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
descripratetion	decimal		☐	
description	string	Description	☐	
id	string	ID	☑	

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9.1.122 WorkTypes: Teamleader Focus Work Types

Catalog: Teamleader

Schema: V2

Primary Keys: id

Label: Work Types

This is a read-only table function. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

Parameters of Table Function

The following parameters can be used to control the behaviour of the table function WorkTypes. A value must be provided at all times for required parameters, but optional parameters in general do not need to have a value and the execution will default to a pre-defined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example: a `select * from table(value1, value2, value3)` on a table with four parameters will use the default value for the fourth parameter and the specified values for the first three.

Value specification by name is done by listing all values that require a value. For example with `select * from table(name1 => value1, name3 => value3)` on the same table will use the default values for the second and fourth parameters and the specified values for the first and third.

Name	Data Type	Required	Default Value	Documentation
term	string	☐		Search for term in name only.

Columns of Table Function

The columns of the table function WorkTypes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
name	string	Name	☑	

10 Schema: V2Flat

10.1 Tables

10.1.1 CallsAll: Teamleader Focus Calls

Catalog: Teamleader

Schema: V2Flat

Label: Calls

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This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CallsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
assignee_id	string		☐	
completed_at	datetime		☐	
deal_id	string	Deal ID	☐	
description	string	Description	☐	
id	string	ID	☑	
outcome_id	string		☐	
outcome_summary	string		☐	
participant_contact_id	string		☐	
participant_customer_id	string		☐	
scheduled_at	datetime		☐	
status	string	Status	☐	One of open or completed.

10.1.2 CompaniesAll: Teamleader Focus Companies

Catalog: Teamleader

Schema: V2Flat

Label: Companies

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CompaniesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
bic	string	BIC Number	☐	
business_type_id	string	Business Type ID	☐	
business_type_type	string	Business Type	☐	
c_array	string		☐	
c_transport_2020	int32		☐	
iban	string	IBAN Number	☐	

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Name	Data Type	Label	Required	Documentation
id	string	ID	☑	
invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
language	string	Language	☐	
local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
marketing_mails_consent	boolean		☐	
name	string	Name	☑	
national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
preferred_currency	string	Preferred Currency	☐	
primary_address_city	string	Primary Address City	☐	
primary_address_country	string	Primary Address Country	☐	
primary_address_line1	string	Primary Address Line 1	☐	
primary_address_postal_code	string	Primary Address Postal Code	☐	
remarks	string		☐	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
status	string	Status	☑	
updated_at	datetime	Updated At	☑	
vat_number	string	VAT Number	☐	VAT number.
web_url	string	Web (URL)	☑	
website	string	Website	☐	

10.1.3 CompanyCustomFieldValues: Teamleader Focus Company Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Company Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CompanyCustomFieldValues are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
cfe_company_id	string	Record ID	☑	ID of the company for which these custom field values provide additional information.
cfe_definition_id	string	Definition ID	☑	
cfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
cfe_value_as_array	string	Array Value	☐	
cfe_value_as_boolean	boolean	Boolean Value	☐	
cfe_value_as_number	decimal	Numeric Value	☐	
cfe_value_as_string	string	Text Value	☐	
cfe_value_object_id	string	ID of Undefined Type	☐	
cfe_value_object_type	string	Value of Undefined Type	☐	
cpy_added_at	datetime	Added At	☑	
cpy_bic	string	BIC Number	☐	
cpy_business_type_id	string	Business Type ID	☐	
cpy_business_type_type	string	Business Type	☐	
cpy_iban	string	IBAN Number	☐	
cpy_id	string	ID	☑	
cpy_invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
cpy_language	string	Language	☐	
cpy_local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
cpy_name	string	Name	☑	
cpy_national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
cpy_payment_term_days	decimal	Payment Term (days)	☐	
cpy_payment_term_type	string	Payment Term Type	☐	
cpy_preferred_currency	string	Preferred Currency	☐	
cpy_primary_address_city	string	Primary Address City	☐	
cpy_primary_address_country	string	Primary Address Country	☐	
cpy_primary_address_line1	string	Primary Address Line 1	☐	
cpy_primary_address_postal_code	string	Primary Address Postal Code	☐	

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Name	Data Type	Label	Required	Documentation
cpy_responsible_user_id	string	Responsible User ID	☐	
cpy_responsible_user_type	string	Responsible User Type	☐	
cpy_status	string	Status	☑	
cpy_updated_at	datetime	Updated At	☑	
cpy_vat_number	string	VAT Number	☐	VAT number.
cpy_web_url	string	Web (URL)	☑	
cpy_website	string	Website	☐	

10.1.4 ContactCompanies: Teamleader Focus Calls

Catalog: Teamleader

Schema: V2Flat

Label: Calls

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ContactCompanies are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_id	string	Company ID	☐	
company_type	string		☐	
contact_first_name	string		☐	
contact_id	string	Contact ID	☑	
contact_last_name	string		☐	
decision_maker	boolean	Decision Maker	☐	
division	string		☐	
position	string	Position	☐	
secondary_position	string		☐	

10.1.5 ContactCustomFieldValues: Teamleader Focus Contact Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Contact Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case,

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please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ContactCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
cfe_contact_id	string	Record ID	☑	ID of the contact for which these custom field values provide additional information.
cfe_definition_id	string	Definition ID	☑	
cfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
cfe_value_as_array	string	Array Value	☐	
cfe_value_as_boolean	boolean	Boolean Value	☐	
cfe_value_as_number	decimal	Numeric Value	☐	
cfe_value_as_string	string	Text Value	☐	
cfe_value_object_id	string	ID of Undefined Type	☐	
cfe_value_object_type	string	Value of Undefined Type	☐	
ctt_added_at	datetime	Added At	☑	
ctt_bic	string	BIC Number	☐	
ctt_birthdate	datetime	Date of Birth	☐	
ctt_first_name	string	First Name	☐	
ctt_gender	string	Gender	☐	
ctt_iban	string	IBAN Number	☐	
ctt_id	string	ID	☑	
ctt_invoicing_preferences_electronic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
ctt_language	string	Language	☐	
ctt_last_name	string	Last Name	☐	
ctt_local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
ctt_national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
ctt_payment_term_days	decimal	Payment Term (days)	☐	
ctt_payment_term_type	string	Payment Term Type	☐	

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Name	Data Type	Label	Required	Documentation
ctt_primary_address_city	string	Primary Address City	☐	
ctt_primary_address_country	string	Primary Address Country	☐	
ctt_primary_address_line1	string	Primary Address Line 1	☐	
ctt_primary_address_postal_code	string	Primary Address Postal Code	☐	
ctt_salutation	string	Salutation	☐	
ctt_status	string	Status	☐	
ctt_updated_at	datetime	Updated At	☑	
ctt_w eb_url	string	Web (URL)	☑	
ctt_w ebsite	string	Website	☐	

10.1.6 ContactsAll: Teamleader Focus Contacts

Catalog: Teamleader

Schema: V2Flat

Label: Contacts

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ContactsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☑	
bic	string	BIC Number	☐	
birthdate	datetime	Date of Birth	☐	
c_activiteit_en	string		☐	
c_array	string		☐	
c_backup_verkoper	guid		☐	
c_bijnaam	string		☐	
c_eerst_tekst_dan_getal	string		☐	
first_name	string	First Name	☐	
gender	string	Gender	☐	
iban	string	IBAN Number	☐	
id	string	ID	☑	
invoicing_preferences_electron-ic_invoicing_address	string	Invoicing Preferences Electronic Invoicing Address	☐	
language	string	Language	☐	

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Name	Data Type	Label	Required	Documentation
last_name	string	Last Name	☐	
local_business_number	string	Local Business Number	☐	Also known as Chamber of Commerce number in many countries.
marketing_mails_consent	boolean		☑	
national_identification_number	string	National Identification Number	☐	Also known as Chamber of Commerce number in many countries.
payment_term_days	decimal	Payment Term (days)	☐	
payment_term_type	string	Payment Term Type	☐	
primary_address_city	string	Primary Address City	☐	
primary_address_country	string	Primary Address Country	☐	
primary_address_line1	string	Primary Address Line 1	☐	
primary_address_postal_code	string	Primary Address Postal Code	☐	
remarks	string		☐	
salutation	string	Salutation	☐	
status	string	Status	☐	
updated_at	datetime	Updated At	☑	
vat_number	string	VAT Number	☐	VAT number.
web_url	string	Web (URL)	☑	
website	string	Website	☐	

10.1.7 CreditNoteGroupedLines

Catalog: Teamleader

Schema: V2Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CreditNoteGroupedLines are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
credit_note_id	string		☑	
section_title	string	Section Title	☐	

10.1.8 CreditNoteLines

Catalog: Teamleader

Schema: V2Flat

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This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CreditNoteLines are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
credit_note_id	string		☑	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
currency	string	Currency	☐	
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
extended_description	string	Extended Description	☐	
group_section_title	string		☐	
product_category_id	string	Product Category ID	☐	
product_category_type	string	Product Category Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
tax_id	string	Tax ID	☐	
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	

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Name	Data Type	Label	Required	Documentation
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	

10.1.9 CreditNotes: Teamleader Focus Credit Notes

Catalog: Teamleader

Schema: V2Flat

Label: Credit Notes

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view CreditNotes are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☑	
credit_note_date	datetime	Credit Note Date	☐	
credit_note_number	string	Credit Note Number	☐	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
currency	string	Currency	☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
document_template_id	string		☐	
document_template_type	string		☐	
id	string	ID	☑	
invoice_id	string	Invoice ID	☐	
invoice_type	string	Invoice Type	☐	
invoicee_customer_id	string	Invoicee Customer ID	☐	
invoicee_customer_type	string	Invoicee Customer Type	☐	
invoicee_email	string		☐	
invoicee_name	string	Invoicee Name	☐	
invoicee_national_identification_number	string		☐	
invoicee_vat_number	string	Invoicee VAT Number	☐	

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Name	Data Type	Label	Required	Documentation
paid_at	datetime	Paid at	☐	
paid	boolean	Paid	☑	
project_id	string	Project ID	☐	
status	string	Status	☑	
total_payable_amount	decimal	Total Payable Amount	☐	
total_payable_currency	string	Currency of Total Payable Amount	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
updated_at	datetime	Updated At	☑	

10.1.10 DealCustomFieldValues: Teamleader Focus Deal Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Deal Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
del_closed_at	datetime	Closed at	☐	
del_created_at	datetime	Created at	☑	
del_current_phase_id	string	Current Phase ID	☐	

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Name	Data Type	Label	Required	Documentation
del_current_phase_type	string	Current Phase Type	☐	
del_department_id	string	Department ID	☐	
del_department_type	string	Department Type	☐	
del_estimated_closing_date	datetime	Estimated Closing Date	☐	
del_estimated_probability	decimal	Estimated Probability	☐	
del_estimated_value_amount	decimal	Estimated Value Amount	☐	
del_estimated_value_currency	string	Currency of Estimated Value Amount	☐	
del_id	string	ID	☑	
del_lead_contact_person_id	string	Lead Contact Person ID	☐	
del_lead_contact_person_type	string	Lead Contact Person Type	☐	
del_lead_customer_id	string	Lead Customer ID	☐	
del_lead_customer_type	string	Lead Customer Type	☐	
del_lost_reason_id	string	Lost Reason ID	☐	
del_lost_reason_remark	string	Lost Reason Remark	☐	
del_lost_reason_type	string	Lost Reason Type	☐	
del_pipeline	string		☐	
del_purchase_order_number	string	Purchase Order Number	☐	
del_reference	string	Reference	☐	
del_responsible_user_id	string	Responsible User ID	☐	
del_responsible_user_type	string	Responsible User Type	☐	
del_source_id	string	Source ID	☐	
del_source_type	string	Source Type	☐	
del_status	string	Status	☑	
del_summary	string	Summary	☐	
del_title	string(120)	Title	☐	
del_updated_at	datetime	Updated At	☑	
del_web_url	string	Web (URL)	☑	
del_weighted_value_amount	decimal	Weighted Value Amount	☐	
del_weighted_value_currency	string	Weighted Value Currency	☐	
dfe_deal_id	string	Record ID	☑	ID of the deal for which these custom field values provide additional information.
dfe_definition_id	string	Definition ID	☑	
dfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
dfe_value_as_array	string	Array Value	☐	
dfe_value_as_boolean	boolean	Boolean Value	☐	

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Name	Data Type	Label	Required	Documentation
dfe_value_as_number	decimal	Numeric Value	☐	
dfe_value_as_string	string	Text Value	☐	
dfe_value_object_id	string	ID of Undefined Type	☐	
dfe_value_object_type	string	Value of Undefined Type	☐	

10.1.11 DealPhaseHistories: Teamleader Focus Deal Phase Histories

Catalog: Teamleader

Schema: V2Flat

Label: Deal Phase Histories

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealPhaseHistories are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
deal_closed_at	datetime	Deal Closed at	☐	
deal_created_at	datetime	Deal Created at	☑	
deal_id	string	Deal ID	☑	
deal_phase_name	string	Deal Phase Name	☑	
deal_purchase_order_number	string	Deal Purchase Order Number	☐	
deal_reference	string	Deal Reference	☐	
deal_status	string	Deal Status	☑	
deal_summary	string	Deal Summary	☐	
deal_title	string(120)	Deal Title	☐	
deal_updated_at	datetime	Deal Updated at	☑	
deal_w eb_url	string	Deal Web URL	☑	
phase_id	string	Phase ID	☑	
phase_type	string	Phase Type	☑	
started_at	datetime	Started at	☑	
started_by_id	string	Started by User ID	☐	
started_by_type	string	Started by User Type	☐	

10.1.12 DealsAll: Teamleader Focus Deals

Catalog: Teamleader

Schema: V2Flat

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Label: Deals

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view DealsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
closed_at	datetime	Closed at	☐	
created_at	datetime	Created at	☑	
current_phase_id	string	Current Phase ID	☐	
current_phase_type	string	Current Phase Type	☐	
department_id	string	Department ID	☐	
department_type	string	Department Type	☐	
estimated_closing_date	datetime	Estimated Closing Date	☐	
estimated_probability	decimal	Estimated Probability	☐	
estimated_value_amount	decimal	Estimated Value Amount	☐	
estimated_value_currency	string	Currency of Estimated Value Amount	☐	
id	string	ID	☑	
lead_contact_person_id	string	Lead Contact Person ID	☐	
lead_contact_person_type	string	Lead Contact Person Type	☐	
lead_customer_id	string	Lead Customer ID	☐	
lead_customer_type	string	Lead Customer Type	☐	
lost_reason_id	string	Lost Reason ID	☐	
lost_reason_remark	string	Lost Reason Remark	☐	
lost_reason_type	string	Lost Reason Type	☐	
pipeline	string		☐	
pipeline1	string		☐	
purchase_order_number	string	Purchase Order Number	☐	
reference	string	Reference	☐	
responsible_user_id	string	Responsible User ID	☐	
responsible_user_type	string	Responsible User Type	☐	
source_id	string	Source ID	☐	
source_type	string	Source Type	☐	
status	string	Status	☑	
summary	string	Summary	☐	
title	string(120)	Title	☐	

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Name	Data Type	Label	Required	Documentation
updated_at	datetime	Updated At	☑	
w eb_url	string	Web (URL)	☑	
w eighted_value_amount	decimal	Weighted Value Amount	☐	
w eighted_value_currency	string	Weighted Value Currency	☐	

10.1.13 InvoiceCustomFieldValues: Teamleader Focus Invoice Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Invoice Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view InvoiceCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the w eb frontend.
cfd_label	string	Label	☐	Label for display w ith the value in the w eb frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
ife_definition_id	string	Definition ID	☑	
ife_definition_type	string	Definition Type	☑	Type of the custom field definition.
ife_invoice_id	string	Record ID	☑	ID of the invoice for w hich these custom field values provide additional information.
ife_value_as_array	string	Array Value	☐	
ife_value_as_boolean	boolean	Boolean Value	☐	
ife_value_as_number	decimal	Numeric Value	☐	
ife_value_as_string	string	Text Value	☐	
ife_value_object_id	string	ID of Undefined Type	☐	
ife_value_object_type	string	Value of Undefined Type	☐	
ive_created_at	datetime	Created at	☑	

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Name	Data Type	Label	Required	Documentation
ive_currency_exchange_rate_-from	string		☐	
ive_currency_exchange_rate_rate	decimal		☐	
ive_currency_exchange_rate_to	string		☐	
ive_deal_id	string	Deal ID	☐	
ive_deal_type	string		☐	
ive_department_id	string	Department ID	☐	
ive_department_type	string	Department Type	☐	
ive_due_on	datetime	Due on	☐	
ive_file_id	string	File ID	☐	
ive_file_type	string	File Type	☐	
ive_id	string	ID	☑	
ive_invoice_date	datetime	Invoice Date	☐	
ive_invoice_number	string	Invoice Number	☐	
ive_invoicee_customer_id	string	Invoicee Customer ID	☑	
ive_invoicee_customer_type	string	Invoicee Customer Type	☑	
ive_invoicee_for_attention_of_-contact_id	string	Invoice for Attention of Contact ID	☐	
ive_invoicee_for_attention_of_-contact_type	string	Invoice for Attention of Contact Type	☐	
ive_invoicee_for_attention_of_-name	string	Invoice for Attention of Name	☐	
ive_invoicee_name	string	Invoicee Name	☑	
ive_invoicee_vat_number	string	Invoicee VAT Number	☐	
ive_paid_at	datetime	Paid at	☐	
ive_paid	boolean	Paid	☑	
ive_payment_reference	string	Payment Reference	☐	
ive_project_id	string	Project ID	☐	
ive_purchase_order_number	string	Purchase Order Num-ber	☐	
ive_sent	boolean		☑	
ive_status	string	Status	☑	
ive_total_due_amount	decimal	Total Due Amount	☐	
ive_total_due_currency	string	Currency of Total Due Amount	☐	
ive_total_payable_amount	decimal	Total Payable Amount	☐	
ive_total_payable_currency	string	Currency of Total Pay-able Amount	☐	
ive_total_tax_exclusive_amount	decimal	Total Amount exclud-ing Taxes	☐	
ive_total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	

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Name	Data Type	Label	Required	Documentation
ive_total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
ive_total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
ive_updated_at	datetime	Updated At	☑	
ive_w eb_url	string	Web (URL)	☐	

10.1.14 InvoiceLinesAll: Teamleader Focus Invoice Lines

Catalog: Teamleader

Schema: V2Flat

Label: Invoice Lines

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view InvoiceLinesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
extended_description	string	Extended Description	☐	
group_section_title	string		☐	
invoice_created_at	datetime	Created at	☑	
invoice_currency_ex-change_rate_from	string		☐	
invoice_currency_ex-change_rate_rate	decimal		☐	
invoice_currency_ex-change_rate_to	string		☐	
invoice_currency	string		☐	
invoice_date	datetime	Invoice Date	☐	
invoice_deal_id	string	Deal ID	☐	
invoice_deal_type	string		☐	
invoice_department_id	string	Department ID	☐	
invoice_department_type	string	Department Type	☐	
invoice_due_on	datetime	Invoice Due on	☐	
invoice_due_on1	datetime	Due on	☐	
invoice_file_id	string	File ID	☐	

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Name	Data Type	Label	Required	Documentation
invoice_file_type	string	File Type	☐	
invoice_id	string	Invoice ID	☑	
invoice_id1	string	ID	☑	
invoice_invoice_date	datetime	Invoice Date	☐	
invoice_invoice_number	string	Invoice Number	☐	
invoice_invoicee_customer_id	string	Invoicee Customer ID	☑	
invoice_invoicee_customer_type	string	Invoicee Customer Type	☑	
invoice_invoicee_for_attention_of_contact_id	string	Invoice for Attention of Contact ID	☐	
invoice_invoicee_for_attention_of_contact_type	string	Invoice for Attention of Contact Type	☐	
invoice_invoicee_for_attention_of_name	string	Invoice for Attention of Name	☐	
invoice_invoicee_name	string	Invoicee Name	☑	
invoice_invoicee_vat_number	string	Invoicee VAT Number	☐	
invoice_number	string	Invoice Number	☐	
invoice_on_hold_since	datetime		☐	
invoice_paid_at	datetime	Invoice is Paid at	☐	
invoice_paid_at1	datetime	Paid at	☐	
invoice_paid	boolean	Invoice is Paid	☑	
invoice_paid1	boolean	Paid	☑	
invoice_payment_reference	string	Invoice Payment Reference	☐	
invoice_payment_reference1	string	Payment Reference	☐	
invoice_project_id	string	Project ID	☐	
invoice_purchase_order_number	string		☐	
invoice_purchase_order_number1	string	Purchase Order Number	☐	
invoice_sent	boolean		☑	
invoice_sent1	boolean		☑	
invoice_status	string	Invoice Status	☑	
invoice_status1	string	Status	☑	
invoice_total_due_amount	decimal	Total Due Amount	☐	
invoice_total_due_currency	string	Currency of Total Due Amount	☐	
invoice_total_payable_amount	decimal	Total Payable Amount	☐	
invoice_total_payable_currency	string	Currency of Total Payable Amount	☐	
invoice_total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
invoice_total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	

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Name	Data Type	Label	Required	Documentation
invoice_total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
invoice_total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
invoice_updated_at	datetime	Updated At	☑	
invoice_web_url	string	Web (URL)	☐	
product_category_id	string	Product Category ID	☐	
product_category_type	string	Product Category Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
tax_id	string	Tax ID	☐	
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	

10.1.15 MeetingsAll: Teamleader Focus Meetings

Catalog: Teamleader

Schema: V2Flat

Label: Meetings

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This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view MeetingsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
created_at	datetime	Created at	☐	
customer_id	string	Customer ID	☐	
deal_id	string	Deal ID	☐	
description	string	Description	☐	
duration_unit	string		☐	
duration_value	decimal		☐	
estimated_time_total_unit	string		☐	
estimated_time_total_value	decimal		☐	
id	string	ID	☑	
location_address_area_level_t-w o_id	string		☐	
location_address_city	string		☐	
location_address_country	string		☐	
location_address_line_1	string		☐	
location_address_postal_code	string		☐	
location_id	string		☐	
location_type	string		☐	
milestone_id	string	Milestone ID	☐	
online_meeting_room_id	string		☐	
project_id	string	Project ID	☐	
recurrence_id	string		☐	
scheduled_at	datetime		☐	
status	string	Status	☐	One of open or done.
title	string	Title	☐	
tracked_time_total_unit	string		☐	
tracked_time_total_value	decimal		☐	

10.1.16 MilestoneCustomFieldValues: Teamleader Focus Milestone Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Milestone Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case,

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please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view MilestoneCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
mfe_definition_id	string	Definition ID	☑	
mfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
mfe_milestone_id	string	Record ID	☑	ID of the milestone for which these custom field values provide additional information.
mfe_value_as_array	string	Array Value	☐	
mfe_value_as_boolean	boolean	Boolean Value	☐	
mfe_value_as_number	decimal	Numeric Value	☐	
mfe_value_as_string	string	Text Value	☐	
mfe_value_object_id	string	ID of Undefined Type	☐	
mfe_value_object_type	string	Value of Undefined Type	☐	
mse_actuals_billable_amount_amount	decimal		☐	
mse_actuals_billable_amount_currency	string		☐	
mse_actuals_costs_amount	decimal		☐	
mse_actuals_costs_currency	string		☐	
mse_actuals_result_amount	decimal		☐	
mse_actuals_result_currency	string		☐	
mse_budget_allocated_amount	decimal		☐	
mse_budget_allocated_currency	string		☐	
mse_budget_forecasted_amount	decimal		☐	
mse_budget_forecasted_currency	string		☐	
mse_budget_provided_amount	decimal		☐	
mse_budget_provided_currency	string		☐	
mse_budget_remaining_amount	decimal		☐	
mse_budget_remaining_currency	string		☐	
mse_budget_spent_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
mse_budget_spent_currency	string		☐	
mse_dependency_for_id	string		☐	
mse_dependency_for_type	string		☐	
mse_depends_on_id	string		☐	
mse_depends_on_type	string		☐	
mse_due_on	datetime	Due on	☑	
mse_id	string	ID	☑	
mse_invoicing_method	string		☑	
mse_name	string	Name	☑	
mse_project_id	string	Project ID	☑	
mse_project_type	string	Project Type	☑	
mse_responsible_user_id	string	Responsible User ID	☐	
mse_responsible_user_type	string	Responsible User Type	☐	
mse_starts_on	datetime	Starts on	☐	
mse_status	string	Status	☑	

10.1.17 ProductCustomFieldValues: Teamleader Focus Product Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Product Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProductCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
pdt_added_at	datetime	Added At	☐	
pdt_code	string		☐	

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Name	Data Type	Label	Required	Documentation
pdt_configuration_stock_-threshold_action	string		☐	
pdt_configuration_stock_-threshold_minimum	decimal		☐	
pdt_description	string	Description	☐	
pdt_id	string	ID	☑	
pdt_name	string	Name	☐	
pdt_stock_amount	decimal		☐	
pdt_unit_id	string	Unit ID	☐	
pdt_unit_type	string	Unit Type	☐	
pdt_updated_at	datetime	Updated At	☐	
pfe_definition_id	string	Definition ID	☑	
pfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
pfe_product_id	string	Record ID	☑	ID of the product for w hich these custom field values provide additional information.
pfe_value_as_array	string	Array Value	☐	
pfe_value_as_boolean	boolean	Boolean Value	☐	
pfe_value_as_number	decimal	Numeric Value	☐	
pfe_value_as_string	string	Text Value	☐	
pfe_value_object_id	string	ID of Undefined Type	☐	
pfe_value_object_type	string	Value of Undefined Type	☐	

10.1.18 ProductsAll: Teamleader Focus Products

Catalog: Teamleader

Schema: V2Flat

Label: Products

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProductsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☐	
c_artikeltext	string		☐	
code	string		☐	
configuration_stock_threshold_action	string		☐	

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Name	Data Type	Label	Required	Documentation
configuration_stock_threshold-_minimum	decimal		☐	
description	string	Description	☐	
id	string	ID	☑	
name	string	Name	☐	
product_category	string		☐	
purchase_price_amount	decimal		☐	
purchase_price_currency	string		☐	
selling_price_amount	decimal		☐	
selling_price_currency	string		☐	
stock_amount	decimal		☐	
unit_id	string	Unit ID	☐	
unit_type	string	Unit Type	☐	
updated_at	datetime	Updated At	☐	

10.1.19 ProjectCustomFieldValues: Teamleader Focus Project Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Project Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
pfe_definition_id	string	Definition ID	☑	
pfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
pfe_project_id	string	Record ID	☑	ID of the project for which these custom field values provide additional information.

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Name	Data Type	Label	Required	Documentation
pfe_value_as_array	string	Array Value	☐	
pfe_value_as_boolean	boolean	Boolean Value	☐	
pfe_value_as_number	decimal	Numeric Value	☐	
pfe_value_as_string	string	Text Value	☐	
pfe_value_object_id	string	ID of Undefined Type	☐	
pfe_value_object_type	string	Value of Undefined Type	☐	
pjt_actuals_billable_amoun-t_amount	decimal		☐	
pjt_actuals_billable_amount_cur-rency	string		☐	
pjt_actuals_costs_amount	decimal		☐	
pjt_actuals_costs_currency	string		☐	
pjt_actuals_profit_percentage	decimal		☐	
pjt_actuals_result_amount	decimal		☐	
pjt_actuals_result_currency	string		☐	
pjt_budget_allocated_amount	decimal		☐	
pjt_budget_allocated_currency	string		☐	
pjt_budget_forecasted_amount	decimal		☐	
pjt_budget_forecasted_currency	string		☐	
pjt_budget_provided_amount	decimal		☐	
pjt_budget_provided_currency	string		☐	
pjt_budget_remaining_amount	decimal		☐	
pjt_budget_remaining_currency	string		☐	
pjt_budget_spent_materi-als_amount	decimal		☐	
pjt_budget_spent_materials_cur-rency	string		☐	
pjt_budget_spent_time_amount	decimal		☐	
pjt_budget_spent_time_currency	string		☐	
pjt_budget_spent_total_amount	decimal		☐	
pjt_budget_spent_total_currency	string		☐	
pjt_created_at	datetime	Created at	☐	
pjt_customer_id	string	Customer ID	☐	
pjt_customer_type	string	Customer Type	☐	
pjt_description	string	Description	☐	
pjt_due_on	datetime	Due on	☑	
pjt_id	string	ID	☑	
pjt_reference	string	Reference	☑	
pjt_source_id	string	Source ID	☐	
pjt_source_type	string	Source Type	☐	
pjt_starts_on	datetime	Starts on	☑	
pjt_status	string	Status	☑	

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Name	Data Type	Label	Required	Documentation
pjt_title	string	Title	☑	

10.1.20 ProjectItems: Teamleader Focus Project Items

Catalog: Teamleader

Schema: V2Flat

Label: Project Items

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectItems are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
activity_type_id	string	Activity Type ID	☐	
activity_type_type	string	Activity Type Type	☐	
added_at	datetime	Added At	☐	
billable_price_per_unit_amount	decimal	Billable Price Amount per Unit	☐	
billable_price_per_unit_currency	string	Billable Price Currency per Unit	☐	
description	string	Description	☐	
id	string	ID	☑	
internal_cost_per_unit	decimal	Internal Cost per Unit	☐	
milestone_id	string	Milestone ID	☐	
milestone_type	string	Milestone Type	☐	
occurred_at	datetime	Occurred at	☐	
participant_id	string	Participant ID	☐	
participant_type	string	Participant Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
project_actuals_billable_amoun-t_amount	decimal		☐	
project_actuals_billable_amount_-currency	string		☐	
project_actuals_costs_amount	decimal		☐	
project_actuals_costs_currency	string		☐	
project_actuals_profit_percentage	decimal		☐	
project_actuals_result_amount	decimal		☐	
project_actuals_result_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
project_budget_allocated_amount	decimal		☐	
project_budget_allocated_currency	string		☐	
project_budget_forecasted_amount	decimal		☐	
project_budget_forecasted_currency	string		☐	
project_budget_provided_amount	decimal		☐	
project_budget_provided_currency	string		☐	
project_budget_remaining_amount	decimal		☐	
project_budget_remaining_currency	string		☐	
project_budget_spent_materials_amount	decimal		☐	
project_budget_spent_materials_currency	string		☐	
project_budget_spent_time_amount	decimal		☐	
project_budget_spent_time_currency	string		☐	
project_budget_spent_total_amount	decimal		☐	
project_budget_spent_total_currency	string		☐	
project_created_at	datetime	Created at	☐	
project_customer_id	string	Customer ID	☐	
project_customer_type	string	Customer Type	☐	
project_description	string	Description	☐	
project_due_on	datetime	Due on	☑	
project_id	string	ID	☑	
project_reference	string	Reference	☑	
project_source_id	string	Source ID	☐	
project_source_type	string	Source Type	☐	
project_starts_on	datetime	Starts on	☑	
project_status	string	Status	☑	
project_title	string	Title	☑	
quantity	decimal	Quantity	☐	
total_billable_price_amount	decimal	Total Billable Price Amount	☐	
total_billable_price_currency	string	Total Billable Price Currency	☐	
total_internal_cost	decimal		☐	
tracked_time	string		☐	
unit	string	Unit	☐	
updated_at	datetime	Updated At	☐	

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Name	Data Type	Label	Required	Documentation
w orktype_id	string	Worktype ID	☐	
w orktype_type	string	Worktype Type	☐	

10.1.21 ProjectLinesV2All: Teamleader Focus Project Lines

Catalog: Teamleader

Schema: V2Flat

Label: Project Lines

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectLinesV2All are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
group_id	string		☐	
group_type	string		☐	
line_id	string		☐	
line_type	string		☐	
project_amount_billed_amount	decimal		☐	
project_amount_billed_currency	string		☐	
project_amount_paid_amount	decimal		☐	
project_amount_paid_currency	string		☐	
project_billing_method	string		☐	
project_calculated_price_amount	decimal		☐	
project_calculated_price_currency	string		☐	
project_color	string		☐	
project_company_entity_id	string		☐	
project_company_entity_type	string		☐	
project_cost_amount	decimal		☐	
project_cost_currency	string		☐	
project_description	string	Description	☐	
project_end_date	datetime		☐	
project_external_budget_amount	decimal		☐	
project_external_budget_currency	string		☐	
project_extern-al_budget_spent_amount	decimal		☐	
project_external_budget_spent_-currency	string		☐	

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Name	Data Type	Label	Required	Documentation
project_fixed_amount_-billed_amount	decimal		☐	
project_fixed_amount_billed_cur-rency	string		☐	
project_fixed_price_amount	decimal		☐	
project_fixed_price_currency	string		☐	
project_id	string	ID	☑	
project_internal_budget_amount	decimal		☐	
project_internal_budget_currency	string		☐	
project_margin_amount	decimal		☐	
project_margin_currency	string		☐	
project_margin_percentage	decimal		☐	Null if the user does not have ac-cess to "Costs on projects".
project_price_amount	decimal		☐	
project_price_currency	string		☐	
project_project_key	int32		☐	Positive, sequential integer rep-resenting the index of the project for the account
project_start_date	datetime	Start Date	☐	
project_status	string	Status	☐	
project_time_budget_unit	string		☐	
project_time_budget_value	decimal		☐	
project_time_tracked_unit	string		☐	
project_time_tracked_value	decimal		☐	
project_title	string	Title	☑	

10.1.22 ProjectMilestones: Teamleader Focus Project Milestones

Catalog: Teamleader

Schema: V2Flat

Label: Project Milestones

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectMilestones are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_actuals_billable_amoun-t_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
project_actuals_billable_amount_-currency	string		☐	
project_actuals_costs_amount	decimal		☐	
project_actuals_costs_currency	string		☐	
project_actuals_profit_percentage	decimal		☐	
project_actuals_result_amount	decimal		☐	
project_actuals_result_currency	string		☐	
project_budget_allocated_amount	decimal		☐	
project_budget_allocated_currency	string		☐	
project_budget_forecasted_amount	decimal		☐	
project_budget_forecasted_currency	string		☐	
project_budget_provided_amount	decimal		☐	
project_budget_provided_currency	string		☐	
project_budget_remaining_amount	decimal		☐	
project_budget_remaining_currency	string		☐	
project_budget_spent_materials_amount	decimal		☐	
project_budget_spent_materials_-currency	string		☐	
project_budget_spent_-time_amount	decimal		☐	
project_budget_spent_time_currency	string		☐	
project_budget_spent_total_amount	decimal		☐	
project_budget_spent_total_currency	string		☐	
project_created_at	datetime	Created at	☐	
project_customer_id	string	Customer ID	☐	
project_customer_type	string	Customer Type	☐	
project_description	string	Description	☐	
project_due_on	datetime	Due on	☑	
project_id	string	ID	☑	
project_reference	string	Reference	☑	
project_source_id	string	Source ID	☐	
project_source_type	string	Source Type	☐	
project_starts_on	datetime	Starts on	☑	
project_status	string	Status	☑	
project_title	string	Title	☑	
type	string	Type	☐	

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10.1.23 ProjectParticipants: Teamleader Focus Project Participants

Catalog: Teamleader

Schema: V2Flat

Label: Project Participants

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectParticipants are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
id	string	ID	☐	
project_actuals_billable_amount_amount	decimal		☐	
project_actuals_billable_amount_currency	string		☐	
project_actuals_costs_amount	decimal		☐	
project_actuals_costs_currency	string		☐	
project_actuals_profit_percentage	decimal		☐	
project_actuals_result_amount	decimal		☐	
project_actuals_result_currency	string		☐	
project_budget_allocated_amount	decimal		☐	
project_budget_allocated_currency	string		☐	
project_budget_forecasted_amount	decimal		☐	
project_budget_forecasted_currency	string		☐	
project_budget_provided_amount	decimal		☐	
project_budget_provided_currency	string		☐	
project_budget_remaining_amount	decimal		☐	
project_budget_remaining_currency	string		☐	
project_budget_spent_materials_amount	decimal		☐	
project_budget_spent_materials_currency	string		☐	
project_budget_spent_time_amount	decimal		☐	
project_budget_spent_time_currency	string		☐	
project_budget_spent_total_amount	decimal		☐	

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Name	Data Type	Label	Required	Documentation
project_budget_spent_total_currency	string		☐	
project_created_at	datetime	Created at	☐	
project_customer_id	string	Customer ID	☐	
project_customer_type	string	Customer Type	☐	
project_description	string	Description	☐	
project_due_on	datetime	Due on	☑	
project_id	string	ID	☑	
project_reference	string	Reference	☑	
project_source_id	string	Source ID	☐	
project_source_type	string	Source Type	☐	
project_starts_on	datetime	Starts on	☑	
project_status	string	Status	☑	
project_title	string	Title	☑	
role	string	Role	☐	
type	string	Type	☐	

10.1.24 ProjectsAll: Teamleader Focus Projects

Catalog: Teamleader

Schema: V2Flat

Label: Projects

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view ProjectsAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
actuals_billable_amount_amount	decimal		☐	
actuals_billable_amount_currency	string		☐	
actuals_costs_amount	decimal		☐	
actuals_costs_currency	string		☐	
actuals_profit_percentage	decimal		☐	
actuals_result_amount	decimal		☐	
actuals_result_currency	string		☐	
budget_allocated_amount	decimal		☐	
budget_allocated_currency	string		☐	
budget_forecasted_amount	decimal		☐	
budget_forecasted_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
budget_provided_amount	decimal		☐	
budget_provided_currency	string		☐	
budget_remaining_amount	decimal		☐	
budget_remaining_currency	string		☐	
budget_spent_materials_amount	decimal		☐	
budget_spent_materials_currency	string		☐	
budget_spent_time_amount	decimal		☐	
budget_spent_time_currency	string		☐	
budget_spent_total_amount	decimal		☐	
budget_spent_total_currency	string		☐	
c_array	string		☐	
c_betaling_project	string		☐	
c_budget_volgende_fase	string		☐	
c_dealnummer	string		☐	
created_at	datetime	Created at	☐	
customer_id	string	Customer ID	☐	
customer_type	string	Customer Type	☐	
description	string	Description	☐	
due_on	datetime	Due on	☑	
id	string	ID	☑	
purchase_order_number	string	Purchase Order Number	☐	Purchase order number of the project.
reference	string	Reference	☑	
source_id	string	Source ID	☐	
source_type	string	Source Type	☐	
starts_on	datetime	Starts on	☑	
status	string	Status	☑	
title	string	Title	☑	

10.1.25 QuotationLinesAll: Teamleader Focus Quotation Lines

Catalog: Teamleader

Schema: V2Flat

Label: Quotation Lines

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view QuotationLinesAll are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
action_after_expiry	string		☐	
currency_exchange_rate_from	string		☐	
currency_exchange_rate_rate	decimal		☐	
currency_exchange_rate_to	string		☐	
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
expires_after	datetime		☐	
extended_description	string	Extended Description	☐	
group_section_title	string		☐	
lock_after_expiry	boolean		☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
quotation_action_after_expiry	string		☐	
quotation_created_at	datetime	Created at	☐	
quotation_currency_exchange_rate_from	string		☐	
quotation_currency_exchange_rate_from1	string		☐	
quotation_currency_exchange_rate_rate	decimal		☐	
quotation_currency_exchange_rate_rate1	decimal		☐	
quotation_currency_exchange_rate_to	string		☐	
quotation_currency_exchange_rate_to1	string		☐	
quotation_currency	string		☐	
quotation_deal_id	string		☐	
quotation_deal_id1	string	Deal ID	☐	
quotation_deal_type	string		☐	
quotation_deal_type1	string		☐	
quotation_document_template_id	string		☐	
quotation_expires_after	datetime		☐	
quotation_id	string		☑	
quotation_id1	string	ID	☑	
quotation_lock_after_expiry	boolean		☐	
quotation_status	string		☐	
quotation_status1	string	Status	☐	
quotation_total_purchase_price_amount	decimal		☐	
quotation_total_purchase_price_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
quotation_total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
quotation_total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
quotation_total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
quotation_total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
quotation_total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
quotation_total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
quotation_total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
quotation_total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
quotation_updated_at	datetime	Updated At	☐	
tax_id	string	Tax ID	☐	
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	

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10.1.26 SubscriptionCustomFieldValues

Catalog: Teamleader

Schema: V2Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view SubscriptionCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
cfn_definition_id	string	Definition ID	☑	
cfn_definition_type	string	Definition Type	☑	Type of the custom field definition.
cfn_subscription_id	string	Record ID	☑	ID of the subscription for which these custom field values provide additional information.
cfn_value_as_array	string	Array Value	☐	
cfn_value_as_boolean	boolean	Boolean Value	☐	
cfn_value_as_number	decimal	Numeric Value	☐	
cfn_value_as_string	string	Text Value	☐	
cfn_value_object_id	string	ID of Undefined Type	☐	
cfn_value_object_type	string	Value of Undefined Type	☐	
ssn_billing_cycle_days_in_advance	string		☐	
ssn_billing_cycle_periodicity_period	string		☐	
ssn_billing_cycle_periodicity_unit	string		☐	
ssn_department_id	string	Department ID	☐	
ssn_ends_on	datetime		☐	
ssn_id	string	ID	☑	
ssn_invoicee_customer_id	string	Invoicee Customer ID	☐	
ssn_invoicee_customer_type	string	Invoicee Customer Type	☐	

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Name	Data Type	Label	Required	Documentation
ssn_invoicee_for_attention_of_-contact_id	string	Invoice for Attention of Contact ID	☐	
ssn_invoicee_for_attention_of_-contact_type	string	Invoice for Attention of Contact Type	☐	
ssn_invoicee_for_attention_of_-name	string	Invoice for Attention of Name	☐	
ssn_invoicee_name	string	Invoicee Name	☐	
ssn_invoicee_vat_number	string	Invoicee VAT Number	☐	
ssn_next_renew al_date	datetime	Next Renew al Date	☐	
ssn_note	string	Note	☐	Uses Markdow n formatting.
ssn_project_id	string	Project ID	☐	
ssn_starts_on	datetime	Starts on	☐	
ssn_status	string	Status	☐	
ssn_title	string	Title	☐	
ssn_total_tax_exclusive_amount	decimal	Total Amount exclud-ing Taxes	☐	
ssn_total_tax_exclusive_be-fore_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
ssn_total_tax_exclusive_be-fore_discount_currency	string	Total Tax Exclusive before Discount Cur-rency	☐	
ssn_total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
ssn_total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
ssn_total_tax_inclusive_be-fore_discount_amount	decimal	Total Tax Inclusive be-fore Discount Amount	☐	
ssn_total_tax_inclusive_be-fore_discount_currency	string	Total Tax Inclusive be-fore Discount Cur-rency	☐	
ssn_total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
ssn_w eb_url	string	Web (URL)	☐	

10.1.27 SubscriptionGroupedLinesAll

Catalog: Teamleader

Schema: V2Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

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The columns of the view SubscriptionGroupedLinesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
section_title	string	Section Title	☐	
subscription_billing_-cycle_days_in_advance	string	Subscription Billing Cycle Days in Ad-vance	☐	
subscription_billing_cycle_period-icity_period	string	Subscription Billing Cycle Periodicity Period	☐	
subscription_billing_cycle_period-icity_unit	string	Subscription Billing Cycle Periodicity Unit	☐	
subscription_currency	string		☐	
subscription_department_id	string	Subscription Depart-ment ID	☐	
subscription_ends_on	datetime	Subscription Ends on	☐	
subscription_id	string	Subscription ID	☑	
subscription_invoicee_customer_id	string	Subscription Invoicee Customer ID	☐	
subscription_invoicee_customer_-type	string	Subscription Invoicee Customer Type	☐	
subscription_invoicee_for_atten-tion_of_contact_id	string	Subscription Invoicee for Attention of Contact ID	☐	
subscription_invoicee_for_atten-tion_of_contact_type	string	Subscription Invoicee for Attention of Contact Type	☐	
subscription_invoicee_for_atten-tion_of_name	string	Subscription Invoicee for Attention of Name	☐	
subscription_invoicee_name	string	Subscription Invoicee Name	☐	
subscription_invoicee_vat_number	string	Subscription Invoicee VAT Number	☐	
subscription_next_renew al_date	datetime	Subscription Next Re-new al Date	☐	
subscription_note	string	Subscription Note	☐	Uses Markdow n formatting.
subscription_project_id	string	Subscription Project ID	☐	
subscription_starts_on	datetime	Subscription Starts on	☐	
subscription_status	string	Subscription Status	☐	
subscription_title	string	Subscription Title	☐	
subscription_total_tax_exclus-ive_amount	decimal	Subscription Total Tax Exclusive Amount	☐	
subscription_total_tax_exclusive_-before_discount_amount	decimal	Subscription Total Tax Exclusive before Dis-count Amount	☐	
subscription_total_tax_exclusive_-before_discount_currency	string	Subscription Total Tax Exclusive before Dis-count Currency	☐	
subscription_total_tax_exclusive_-currency	string	Subscription Total Tax Exclusive Currency	☐	

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Name	Data Type	Label	Required	Documentation
subscription_total_tax_inclus-ive_amount	decimal	Subscription Total Tax Inclusive Amount	☐	
subscription_total_tax_inclusive_-before_discount_amount	decimal	Subscription Total Tax Inclusive before Dis-count Amount	☐	
subscription_total_tax_inclusive_-before_discount_currency	string	Subscription Total Tax Inclusive before Dis-count Currency	☐	
subscription_total_tax_inclusive_-currency	string	Subscription Total Tax Inclusive Currency	☐	
subscription_w eb_url	string	Subscription Web URL	☐	

10.1.28 SubscriptionLinesAll

Catalog: Teamleader

Schema: V2Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view SubscriptionLinesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☐	
discount_type	string	Discount Type	☐	
discount_value	decimal	Discount Value	☐	
extended_description	string	Extended Description	☐	
product_category_id	string	Product Category ID	☐	
product_category_type	string	Product Category Type	☐	
product_id	string	Product ID	☐	
product_type	string	Product Type	☐	
quantity	decimal	Quantity	☐	
section_title	string	Section Title	☐	
subscription_billing_-cycle_days_in_advance	string	Subscription Billing Cycle Days in Ad-vance	☐	
subscription_billing_cycle_period-icity_period	string	Subscription Billing Cycle Periodicity Period	☐	
subscription_billing_cycle_period-icity_unit	string	Subscription Billing Cycle Periodicity Unit	☐	
subscription_currency	string		☐	

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Name	Data Type	Label	Required	Documentation
subscription_department_id	string	Subscription Department ID	☐	
subscription_ends_on	datetime	Subscription Ends on	☐	
subscription_id	string	Subscription ID	☑	
subscription_invoicee_customer_id	string	Subscription Invoicee Customer ID	☐	
subscription_invoicee_customer_type	string	Subscription Invoicee Customer Type	☐	
subscription_invoicee_for_attention_of_contact_id	string	Subscription Invoicee for Attention of Contact ID	☐	
subscription_invoicee_for_attention_of_contact_type	string	Subscription Invoicee for Attention of Contact Type	☐	
subscription_invoicee_for_attention_of_name	string	Subscription Invoicee for Attention of Name	☐	
subscription_invoicee_name	string	Subscription Invoicee Name	☐	
subscription_invoicee_vat_number	string	Subscription Invoicee VAT Number	☐	
subscription_next_renewal_date	datetime	Subscription Next Renewal Date	☐	
subscription_note	string	Subscription Note	☐	Uses Markdown formatting.
subscription_project_id	string	Subscription Project ID	☐	
subscription_starts_on	datetime	Subscription Starts on	☐	
subscription_status	string	Subscription Status	☐	
subscription_title	string	Subscription Title	☐	
subscription_total_tax_exclusive_amount	decimal	Subscription Total Tax Exclusive Amount	☐	
subscription_total_tax_exclusive_before_discount_amount	decimal	Subscription Total Tax Exclusive before Discount Amount	☐	
subscription_total_tax_exclusive_before_discount_currency	string	Subscription Total Tax Exclusive before Discount Currency	☐	
subscription_total_tax_exclusive_currency	string	Subscription Total Tax Exclusive Currency	☐	
subscription_total_tax_inclusive_amount	decimal	Subscription Total Tax Inclusive Amount	☐	
subscription_total_tax_inclusive_before_discount_amount	decimal	Subscription Total Tax Inclusive before Discount Amount	☐	
subscription_total_tax_inclusive_before_discount_currency	string	Subscription Total Tax Inclusive before Discount Currency	☐	
subscription_total_tax_inclusive_currency	string	Subscription Total Tax Inclusive Currency	☐	
subscription_web_url	string	Subscription Web URL	☐	
tax_id	string	Tax ID	☐	

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Name	Data Type	Label	Required	Documentation
tax_type	string	Tax Type	☐	
total_tax_exclusive_amount	decimal	Total Amount excluding Taxes	☐	
total_tax_exclusive_before_discount_amount	decimal	Total Tax Exclusive before Discount Amount	☐	
total_tax_exclusive_before_discount_currency	string	Total Tax Exclusive before Discount Currency	☐	
total_tax_exclusive_currency	string	Currency of Total Amount excluding Taxes	☐	
total_tax_inclusive_amount	decimal	Total Amount including Taxes	☐	
total_tax_inclusive_before_discount_amount	decimal	Total Tax Inclusive before Discount Amount	☐	
total_tax_inclusive_before_discount_currency	string	Total Tax Inclusive before Discount Currency	☐	
total_tax_inclusive_currency	string	Currency of Total Amount including Taxes	☐	
unit_currency	string	Unit Currency	☐	
unit_id	string	Unit ID	☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_tax	string	Unit Tax	☐	
unit_type	string	Unit Type	☐	
withheld_tax_id	string	Withheld Tax ID	☐	
withheld_tax_type	string	Withheld Tax Type	☐	

10.1.29 TaskCustomFieldValues: Teamleader Focus Task Custom Field Values

Catalog: Teamleader

Schema: V2Flat

Label: Task Custom Field Values

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TaskCustomFieldValues are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
cfd_group	string	Group	☐	Group for grouping multiple custom fields in the web frontend.

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Name	Data Type	Label	Required	Documentation
cfd_label	string	Label	☐	Label for display with the value in the web frontend.
cfd_required	boolean	Required	☑	Whether a value must be provided.
cfd_type	string	Type	☑	Type of the values stored, such as 'auto_increment', 'integer', 'contact', 'number' or 'multi_line'.
tak_added_at	datetime	Added At	☐	
tak_assignee_id	string		☐	
tak_assignee_type	string		☐	
tak_completed_at	datetime		☐	
tak_completed	boolean		☐	
tak_customer_id	string	Customer ID	☐	
tak_customer_type	string	Customer Type	☐	
tak_deal_id	string	Deal ID	☐	
tak_deal_type	string		☐	
tak_description	string	Description	☐	
tak_due_on	datetime	Due on	☐	
tak_estimated_duration_unit	string		☐	
tak_estimated_duration_value	decimal		☐	
tak_id	string	ID	☑	
tak_milestone_id	string	Milestone ID	☐	
tak_milestone_type	string	Milestone Type	☐	
tak_priority	string	Priority	☐	
tak_project_id	string	Project ID	☐	
tak_project_type	string	Project Type	☐	
tak_ticket_id	string	Ticket ID	☐	
tak_title	string	Title	☐	
tak_work_type_id	string	Work Type ID	☐	
tak_work_type_type	string	Work Type Type	☐	
tfe_definition_id	string	Definition ID	☑	
tfe_definition_type	string	Definition Type	☑	Type of the custom field definition.
tfe_task_id	string	Record ID	☑	ID of the task for which these custom field values provide additional information.
tfe_value_as_array	string	Array Value	☐	
tfe_value_as_boolean	boolean	Boolean Value	☐	
tfe_value_as_number	decimal	Numeric Value	☐	
tfe_value_as_string	string	Text Value	☐	
tfe_value_object_id	string	ID of Undefined Type	☐	
tfe_value_object_type	string	Value of Undefined Type	☐	

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10.1.30 TasksAll: Teamleader Focus Tasks

Catalog: Teamleader

Schema: V2Flat

Label: Tasks

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TasksAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
added_at	datetime	Added At	☐	
assignee_id	string		☐	
assignee_type	string		☐	
c_autoincrement	int32		☐	
c_company	guid		☐	
c_date	datetime		☐	
completed_at	datetime		☐	
completed	boolean		☐	
customer_id	string	Customer ID	☐	
customer_type	string	Customer Type	☐	
deal_id	string	Deal ID	☐	
deal_type	string		☐	
description	string	Description	☐	
due_on	datetime	Due on	☐	
estimated_duration_unit	string		☐	
estimated_duration_value	decimal		☐	
id	string	ID	☑	
milestone_id	string	Milestone ID	☐	
milestone_type	string	Milestone Type	☐	
priority	string	Priority	☐	
project_id	string	Project ID	☐	
project_type	string	Project Type	☐	
ticket_id	string	Ticket ID	☐	
ticket_id1	string	Ticket ID	☐	
title	string	Title	☐	
w ork_type_id	string	Work Type ID	☐	
w ork_type_type	string	Work Type Type	☐	

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10.1.31 TicketMessagesAll: Teamleader Focus Ticket Messages

Catalog: Teamleader

Schema: V2Flat

Label: Ticket Messages

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TicketMessagesAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
body	string		☐	
created_at	datetime	Created at	☑	
message_id	string		☑	
sent_by_id	string		☐	
ticket_assignee_id	string		☐	
ticket_closed_at	datetime	Closed at	☐	
ticket_created_at	datetime	Created at	☑	
ticket_customer_id	string	Customer ID	☐	
ticket_id	string	ID	☑	
ticket_last_message_at	datetime		☐	
ticket_participant_customer_id	string		☐	
ticket_status_id	string		☐	
ticket_subject	string	Subject	☐	
type	string	Type	☐	One of customer, internal or thirdParty.

10.1.32 TicketsAll: Teamleader Focus Tickets

Catalog: Teamleader

Schema: V2Flat

Label: Tickets

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TicketsAll are shown below. Each column has an SQL data type.

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Name	Data Type	Label	Required	Documentation
assignee_id	string		☐	
closed_at	datetime	Closed at	☐	
created_at	datetime	Created at	☑	
customer_id	string	Customer ID	☐	
id	string	ID	☑	
last_message_at	datetime		☐	
participant_customer_id	string		☐	
status_id	string		☐	
subject	string	Subject	☐	

10.1.33 TimeTrackingAll: Teamleader Focus Time Tracking

Catalog: Teamleader

Schema: V2Flat

Label: Time Tracking

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TimeTrackingAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
company_name	string	Name	☐	
company_status	string	Status	☐	
contact_first_name	string	First Name	☐	
contact_id	string	ID	☐	
contact_last_name	string	Last Name	☐	
contact_status	string	Status	☐	
description	string	Description	☐	
duration	int64	Duration	☑	Duration in seconds.
ended_at	datetime	Ended at	☐	
event_ends_at	datetime	Ends at	☐	
event_starts_at	datetime	Starts at	☐	
event_title	string	Title	☐	
id	string	ID	☑	
invoiceable	boolean	Invoiceable	☐	
milestone_id	string	ID	☐	
milestone_name	string	Name	☐	
milestone_project_id	string	Project ID	☐	

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Name	Data Type	Label	Required	Documentation
milestone_status	string	Status	☐	
project_customer_id	string		☐	
project_direct_customer_id	string	Customer ID	☐	
project_direct_id	string	ID	☐	
project_direct_reference	string	Reference	☐	
project_direct_status	string	Status	☐	
project_direct_title	string	Title	☐	
project_reference	string		☐	
project_status	string		☐	
project_title	string		☐	
started_at	datetime	Started at	☐	
started_on	datetime	Started on	☑	
subject_id	string	Subject ID	☐	
subject_type	string	Subject Type	☐	
task_completed	boolean		☐	
task_id	string	ID	☐	
task_title	string	Title	☐	
user_id	string	User ID	☑	
user_type	string	User Type	☑	
work_type_id	string	Work Type ID	☐	
work_type_type	string	Work Type Type	☐	

10.1.34 TimeTrackingMaterials

Catalog: Teamleader

Schema: V2Flat

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view TimeTrackingMaterials are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
description	string	Description	☑	
product	string	Product	☐	
quantity	decimal	Quantity	☑	
time_billing_info_invoice_id	string		☐	
time_billing_info_invoice_type	string		☐	
time_billing_info_type	string		☐	

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Name	Data Type	Label	Required	Documentation
time_description	string		☐	
time_duration	int64		☑	Duration in seconds.
time_ended_at	datetime		☐	
time_id	string		☑	
time_invoiceable	boolean		☐	
time_locked	boolean		☐	If true, the freeze time w indow has passed since creating it.
time_started_at	datetime		☐	
time_started_on	datetime		☑	
time_subject_id	string		☐	
time_subject_type	string		☐	
time_user_id	string		☑	
time_user_type	string		☑	
time_w ork_type_id	string		☐	
time_w ork_type_type	string		☐	
unit_price_amount	decimal	Unit Price Amount	☐	
unit_price_currency	string		☐	

10.1.35 UserDaysOffAll: Teamleader Focus User Days-off

Catalog: Teamleader

Schema: V2Flat

Label: User Days-off

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view UserDaysOffAll are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
ends_at	datetime	Ends at	☐	
id	string	ID	☐	
leave_type_id	string		☐	
starts_at	datetime	Starts at	☐	
status	string	Status	☐	One of: approved, not_ap- proved, pending.
user_id	string	User ID	☐	
usr_email	string	Email	☐	

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10.1.36 UserEvents: Teamleader Focus User Events

Catalog: Teamleader

Schema: V2Flat

Label: User Events

This is a read-only view. The Teamleader Focus API may not support changing the data or the Invantive UniversalSQL driver for Teamleader Focus does not cover it. In the latter case, please use the table NativePlatformScalarRequests to upload data to the Teamleader Focus API.

View Columns

The columns of the view UserEvents are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
activity_type_id	string	Activity Type ID	☐	
activity_type_type	string	Activity Type Type	☐	
creator_id	string	Creator ID	☐	
creator_type	string	Creator Type	☐	
description	string	Description	☐	
ends_at	datetime	Ends at	☐	
id	string	ID	☑	
location	string	Location	☐	
starts_at	datetime	Starts at	☐	
task_id	string	Task ID	☐	
task_type	string	Task Type	☐	
title	string	Title	☐	
usr_account_id	string	Account ID	☑	
usr_account_type	string	Account Type	☑	
usr_email	string	Email	☐	
usr_first_name	string	First Name	☐	
usr_function	string	Function	☐	
usr_id	string	ID	☑	
usr_language	string	Language	☐	
usr_last_name	string	Last Name	☐	
usr_status	string	Status	☐	

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