

# Logius Centrale OIN

## Raadpleegvoorziening Data Model *for use with Invantive SQL*



# Auteursrecht

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Ondanks alle aan de samenstelling van deze tekst bestede zorg, kan noch de schrijver noch de uitgever aansprakelijkheid aanvaarden voor eventuele schade, die zou kunnen voortvloeien uit enige fout, die in deze uitgave zou kunnen voorkomen.

Deze handleiding is een naslagwerk bedoeld om het gebruik te verduidelijken. Indien gegevens in de voorbeeldafbeeldingen overeenkomen met gegevens in uw systeem, dan is de overeenkomst toevallig.

## Belangrijke Informatie over Veiligheid en Gebruik

Beoogd gebruik en beperkingen: Deze software, ontwikkeld door Invantive, is ontworpen om een verscheidenheid aan zakelijke en informatietechnologische gegevensverwerkingsfuncties te ondersteunen, zoals boekhouding, financiële rapportage en verkooprapportage. Het is belangrijk om op te merken dat deze software niet is ontworpen, getest of goedgekeurd voor gebruik in omgevingen waar een storing of defect kan leiden tot levensbedreigende situaties, ernstige fysieke schade of milieuschade. Dit omvat, maar is niet beperkt tot:

- Nucleaire faciliteiten: de software mag niet worden gebruikt voor operaties of functies die verband houden met de controle, het onderhoud of de werking van nucleaire faciliteiten.
- Defensie en militaire toepassingen: deze software is niet geschikt voor gebruik in defensiegerelateerde toepassingen, inclusief maar niet beperkt tot wapenbeheer, militaire strategieplanning of andere aspecten van nationale defensie.
- Luchtvaart: de software is niet bedoeld voor gebruik in de bediening, navigatie of communicatiesystemen van vliegtuigen of luchtverkeersleidingomgevingen.
- Gezondheidszorg en medicijnproductie: deze software mag niet worden gebruikt voor de werking van medische apparaten, de analyse van patiëntgegevens voor kritieke gezondheidsbeslissingen, farmaceutische productie of medisch onderzoek waarbij een storing of defect de gezondheid van de patiënt kan beïnvloeden.
- Verwerking van chemische en/of gevaarlijke stoffen: deze software is niet bedoeld voor het beheer, de controle of de operationele aspecten van chemische fabrieken of faciliteiten voor de verwerking van chemische en/of gevaarlijke stoffen. Elke storing in de software die in deze omgevingen wordt gebruikt kan leiden tot gevaarlijke chemische lozingen, explosies of milieurampen.
- Transport- en verkeerscontrolesystemen: de software mag niet worden gebruikt voor de besturing, bediening of het beheer van transportsystemen, waaronder de besturing van spoorwegsignalen, metrosystemen of verkeerslichten. Storingen in dergelijke kritieke systemen kunnen tot ernstige ongelukken leiden en de openbare veiligheid in gevaar brengen.
- Energienetwerk- en nutsbesturingssystemen: deze software is niet ontworpen voor de besturing of bediening van energienetwerksystemen, waaronder elektrische onderstations, besturingssystemen voor hernieuwbare energie of besturingssystemen van waternutsbedrijven. Het falen van software op deze gebieden kan leiden tot aanzienlijke stroomonderbrekingen, onderbrekingen in de watervoorziening of andere storingen in openbare voorzieningen, waardoor gemeenschappen in gevaar kunnen komen en grote schade kan worden aangericht.
- Andere omgevingen met een hoog risico: alle andere kritieke infrastructuren en omgevingen waar een storing in de software kan leiden tot aanzienlijke schade aan personen of het milieu.

Gebruikersverantwoordelijkheid: gebruikers moeten ervoor zorgen dat ze het beoogde gebruik van de software begrijpen en de software niet gebruiken in een omgeving die buiten het beoogde doel valt. Het is de verantwoordelijkheid van de gebruiker om de geschiktheid van de software voor de beoogde toepassing te beoordelen, vooral in scenario's die een risico kunnen vormen voor leven, gezondheid en/of milieu.

Afwijzing van aansprakelijkheid: Invantive wijst elke verantwoordelijkheid af voor schade, letsel of wettelijke gevolgen die voortvloeien uit het gebruik of misbruik van deze software in verboden en/of onbedoelde toepassingen.

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## 1 SQL Driver for Logius Centrale OIN Raadpleegvoorziening API

Invantive SQL is the fastest, easiest and most reliable way to exchange data with the Logius Centrale OIN Raadpleegvoorziening 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](#). Other users or Invantive Support will try to help you to our best.

Logius Centrale OIN Raadpleegvoorziening

The Logius Centrale OIN Raadpleegvoorziening driver covers 6 tables and 120 columns.

### Logius Centrale OIN Raadpleegvoorziening API Clients

Invantive SQL is available on many user interfaces ("clients" in traditional server-client paradigm). All Invantive SQL 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 [Logius Centrale OIN Raadpleegvoorziening Power BI connector](#) is based on the Invantive SQL driver for Logius Centrale OIN Raadpleegvoorziening, 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 Logius Centrale OIN Raadpleegvoorziening API into traditional databases such as SQL Server (on-premise and Azure), MySQL, PostgreSQL and Oracle is possible using [Invantive Data Replicator](#). Invantive Data Replicator automatically creates and maintains Logius Centrale OIN Raadpleegvoorziening datawarehouses, possibly in combination with data from over 70 other (cloud) platforms. Data Replicator supports data volumes up to over 1 TB and over 5.000 companies. The on-premise edition of Invantive Bridge offers an Logius Centrale OIN Raadpleegvoorziening ADO.net provider.

Finally, online web apps can be build for Logius Centrale OIN Raadpleegvoorziening using App Online of [Invantive Cloud](#).

### Monitor API Calls

When a query or DML-statement has been executed on Invantive SQL a developer can evaluate the actual calls made to the Logius Centrale OIN Raadpleegvoorziening 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 SQL will create log files per API request and response.

### Specifications

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

An introduction into the concepts of Invariantive SQL such as databases, data containers and partitioning can be found in the [Invariantive SQL grammar](#).

The configuration can be changed using various attributes during log on and use. A full list of configuration options is listed in the [driver attributes](#) <sup>2</sup>.

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 Logius Centrale OIN Raadpleegvoorziening the comparison of two texts is case sensitive by default.

Changes and bug fixes on the Logius Centrale OIN Raadpleegvoorziening SQL driver can be found in the [release notes](#). There is currently no specific section on the [Invariantive forums](#) for Logius Centrale OIN Raadpleegvoorziening. Please reach out to other users of Logius Centrale OIN Raadpleegvoorziening by leaving a question or contact request.

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

Alias: `cor`

Recommended alias: `cor`

More technical documentation as provided by the supplier of the Logius Centrale OIN Raadpleegvoorziening API on the native APIconnection used can be found at <https://portaal.digikoppeling.nl/>.

General documentation on Logius Centrale OIN Raadpleegvoorziening is available at <https://documentation.invariantive.com/>

Updated: 15-06-2022 21:43 using Invariantive SQL version 22.0.232-PROD+3445.

## 2 SQL Driver Attributes for Logius Centrale OIN Raadpleegvoorziening API

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

The Logius Centrale OIN Raadpleegvoorziening 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.
- Drivers file: the providers.xml file (obsolete starting release 17.32).
- Log on: value to be specified interactively by user during log on in a user interface.

The connection string for Logius Centrale OIN Raadpleegvoorziening can be found in the settings\*.xml file used for the database. Settings\*.xml files are typically located in the %

USERPROFILE%\invantive folder in most deployment scenarios. The reference manuals contain instructions how to relocate the settings\*.xml files. 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 Logius Centrale OIN Raadpleegvoorziening 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	Use for analysis only! Enforce rows to be unique.	Shared	False	✓	✓	✓	
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-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		✓		✓	✓

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Driver's File	Set from Log On
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 scope to request an OAuth token for.	OData		✓		✓	
api-token-url	The token URI is the OAuth2 endpoint to exchange tokens.	OData		✓		✓	
api-url	URL to access the API.	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 OData server reports bad format during retrieval of data.		3	✓	✓	✓	
download-error-400-bad-request-sleep-initial-ms	Initial sleep in milliseconds between retries when OData server reports that the API server is unavailable during retrieval of data.		500	✓	✓	✓	
download-error-400-bad-request-sleep-max-ms	Maximum sleep in milliseconds between retries when OData server reports that the API server is unavailable during retrieval of data.		5000	✓	✓	✓	
download-error-400-bad-request-sleep-multiplicator	Multiplication factor for sleep between retries OData server reports that the API server is unavailable during retrieval of data.		2	✓	✓	✓	
download-error-408-request-timeout-max-tries	Maximum number of tries when the website reports a HTTP status 408.		10	✓	✓	✓	
download-error-408-request-timeout-sleep-initial-ms	Initial sleep in milliseconds between retries when the website reports a HTTP status 408.		10000	✓	✓	✓	
download-error-408-request-timeout-sleep-max-ms	Maximum sleep in milliseconds between retries when the website reports a HTTP status 408.		300000	✓	✓	✓	
download-error-408-request-timeout-sleep-multiplicator	Multiplication factor for sleep between retries when the website reports a HTTP status 408.		2	✓	✓	✓	
download-error-422-bad-request-	Maximum number of tries when OData server reports unprocessable		30	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
max-tries	entity during retrieval of data.						
download-error-422-bad-request-sleep-initial-ms	Initial sleep in milliseconds between retries when OData server reports unprocessable entity during retrieval of data.		10000	✓	✓	✓	
download-error-422-bad-request-sleep-max-ms	Maximum sleep in milliseconds between retries when OData server reports unprocessable entity during retrieval of data.		300000	✓	✓	✓	
download-error-422-bad-request-sleep-multiplicator	Multiplication factor for sleep between retries OData server reports unprocessable entity during retrieval of data.		2	✓	✓	✓	
download-error-429-too-many-requests-max-tries	Maximum number of tries when the website reports that too many requests have been made during a timeslot of one minute or one day.		10	✓	✓	✓	
download-error-429-too-many-requests-sleep-initial-ms	Initial sleep in milliseconds between retries when the website reports that too many requests have been made during a timeslot of one minute or one day.		10000	✓	✓	✓	
download-error-429-too-many-requests-sleep-max-ms	Maximum sleep in milliseconds between retries when the website reports that too many requests have been made during a timeslot of one minute or one day.		300000	✓	✓	✓	
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-502-server-unavailable-max-tries	Maximum number of tries when OData 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 OData 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 OData server reports that a bad gateway during retrieval of data.		300000	✓	✓	✓	
download-error-502-server-unavailable-sleep-multiplicator	Multiplication factor for sleep between retries OData server reports a bad gateway during retrieval of data.		2	✓	✓	✓	
download-error-503-server-unavailable-max-tries	Maximum number of tries when OData server reports that the API server is unavailable during retrieval of data.		30	✓	✓	✓	



Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
dow nload-error-503-server-unavailable-sleep-initial-ms	Initial sleep in milliseconds between retries when OData server reports that the API server is unavailable during retrieval of data.		10000	✓	✓	✓	
dow nload-error-503-server-unavailable-sleep-max-ms	Maximum sleep in milliseconds between retries when OData server reports that the API server is unavailable during retrieval of data.		300000	✓	✓	✓	
dow nload-error-503-server-unavailable-sleep-multiplicator	Multiplication factor for sleep between retries OData server reports that the API server is unavailable during retrieval of data.		2	✓	✓	✓	
dow nload-error-504-gateway-timeout-max-tries	Maximum number of tries when the website reports a gateway timeout.		10	✓	✓	✓	
dow nload-error-504-gateway-timeout-sleep-initial-ms	Initial sleep in milliseconds between retries when the website reports a gateway timeout.		10000	✓	✓	✓	
dow nload-error-504-gateway-timeout-sleep-max-ms	Maximum sleep in milliseconds between retries when the website reports a gateway timeout.		300000	✓	✓	✓	
dow nload-error-504-gateway-timeout-sleep-multiplicator	Multiplication factor for sleep between retries when the website reports a gateway timeout.		2	✓	✓	✓	
dow nload-error-590-network-connect-timeout-max-tries	Maximum number of tries when the website reports a HTTP status 590.		10	✓	✓	✓	
dow nload-error-590-network-connect-timeout-sleep-initial-ms	Initial sleep in milliseconds between retries when the website reports a HTTP status 590.		10000	✓	✓	✓	
dow nload-error-590-network-connect-timeout-sleep-max-ms	Maximum sleep in milliseconds between retries when the website reports a HTTP status 590.		300000	✓	✓	✓	
dow nload-error-590-network-connect-timeout-sleep-multiplicator	Multiplication factor for sleep between retries when the website reports a HTTP status 590.		2	✓	✓	✓	
dow nload-error-599-network-connect-timeout-max-tries	Maximum number of tries when the website reports a HTTP status 599.		10	✓	✓	✓	
dow nload-error-599-network-connect-timeout-sleep-initial-ms	Initial sleep in milliseconds between retries when the website reports a HTTP status 599.		10000	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
dow nload-error-599-netw ork-connect-timeout-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the website reports a HTTP status 599.		300000	✓	✓	✓	
dow nload-error-599-netw ork-connect-timeout-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen the website reports a HTTP status 599.		2	✓	✓	✓	
dow nload-error-argument-exception-max-tries	Maximum number of tries w hen an argument exception is returned w hen dow nloading a blob.		10	✓	✓	✓	
dow nload-error-argument-exception-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen an argument exception is returned w hen dow nloading a blob.		10000	✓	✓	✓	
dow nload-error-argument-exception-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen an argument exception is returned w hen dow nloading a blob.		300000	✓	✓	✓	
dow nload-error-argument-exception-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen an argument exception is returned w hen dow nloading a blob.		2	✓	✓	✓	
dow nload-error-internet-dow n-max-tries	Maximum number of tries w hen the Internet connection seems dow n during retrieval of data.		10	✓	✓	✓	
dow nload-error-internet-dow n-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the Internet connection seems dow n during retrieval of data.		10000	✓	✓	✓	
dow nload-error-internet-dow n-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the Internet connection seems dow n during retrieval of data.		300000	✓	✓	✓	
dow nload-error-internet-dow n-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen the Internet connection seems dow n during retrieval of data.		2	✓	✓	✓	
dow nload-error-io-exception-max-tries	Maximum number of tries w hen a netw ork I/O connection failure occurs during retrieval of data.		10	✓	✓	✓	
dow nload-error-io-exception-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen a netw ork I/O connection failure occurs during retrieval of data.		10000	✓	✓	✓	
dow nload-error-io-exception-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen a netw ork I/O connection failure occurs during retrieval of data.		300000	✓	✓	✓	
dow nload-error-io-exception-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen a netw ork I/O connection failure occurs during retrieval of data.		2	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Driver's File	Set from Log On
	connection failure occurs during retrieval of data.						
dow nload-error- json-exception-max-tries	Maximum number of tries w hen an invalid JSON body is returned.		3	✓	✓	✓	
dow nload-error- json-exception-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen an invalid JSON body is returned.		1000	✓	✓	✓	
dow nload-error- json-exception-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen an invalid JSON body is returned.		10000	✓	✓	✓	
dow nload-error- json-exception-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen an invalid JSON body is returned.		2	✓	✓	✓	
dow nload-error- other-exception-max-tries	Maximum number of tries w hen an unqualified error occurs during retrieval of data.		3	✓	✓	✓	
dow nload-error- other-exception-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen an unqualified error occurs during retrieval of data.		10000	✓	✓	✓	
dow nload-error- other-exception-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen an unqualified error occurs during retrieval of data.		300000	✓	✓	✓	
dow nload-error- other-exception-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen an unqualified error occurs during retrieval of data.		2	✓	✓	✓	
dow nload-error- socket-exception-max-tries	Maximum number of tries w hen the netw ork connection is forcible dropped during retrieval of data.		10	✓	✓	✓	
dow nload-error- socket-exception-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen the netw ork connection is forcible dropped during retrieval of data.		10000	✓	✓	✓	
dow nload-error- socket-exception-sleep-max-ms	Maximum sleep in milliseconds betw een retries w hen the netw ork connection is forcible dropped during retrieval of data.		300000	✓	✓	✓	
dow nload-error- socket-exception-sleep-multiplicator	Multiplication factor for sleep betw een retries w hen the netw ork connection is forcible dropped during retrieval of data.		2	✓	✓	✓	
dow nload-error- web-exception-max-tries	Maximum number of tries w hen a w eb connection failure occurs during retrieval of data.		10	✓	✓	✓	
dow nload-error- web-exception-sleep-initial-ms	Initial sleep in milliseconds betw een retries w hen a w eb connection failure occurs during retrieval of data.		10000	✓	✓	✓	
dow nload-error- web-exception-	Maximum sleep in milliseconds betw een retries w hen a w eb		300000	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
sleep-max-ms	connection failure occurs during retrieval of data.						
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-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-sleep-initial-ms	Initial sleep in milliseconds between retries when the connection reports an unauthorized error.		10000	✓	✓	✓	
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	✓	✓	✓	
force-case-sensitive-identifiers	Consider identifiers as case-sensitive independent of the platform capabilities.	Shared	False	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Driver's File	Set from Log On
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\gle3.WS212\Inventive\Cache\http\gle3\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).		300000	✓	✓	✓	
http-get-timeout-ms	HTTP GET timeout (ms).		60000	✓	✓	✓	
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).		300000	✓	✓	✓	
http-post-timeout-ms	HTTP POST timeout (ms).		300000	✓	✓	✓	
ignore-http-400-errors	Ignore HTTP 400 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-401-errors	Ignore HTTP 401 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-402-errors	Ignore HTTP 402 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-403-errors	Ignore HTTP 403 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-404-errors	Ignore HTTP 404 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-422-errors	Ignore HTTP 422 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-429-errors	Ignore HTTP 429 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
ignore-http-500-errors	Ignore HTTP 500 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-502-errors	Ignore HTTP 502 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-http-503-errors	Ignore HTTP 503 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
ignore-unknown-path-type	Whether to ignore path types not yet supported. An error will be generated when an unsupported type occurs.		True	✓	✓	✓	✓
ignore-values-unknown-path	Whether to ignore values outside of processed paths. An error will be generated when a value occurs outside a path otherwise.		True	✓	✓	✓	✓
invalid-json-on-get-max-tries	Maximum number of tries when the JSON received on GET is invalid.		10	✓	✓	✓	
invalid-json-on-get-sleep-initial-ms	Initial sleep in milliseconds between retries when the JSON received on GET is invalid.		10000	✓	✓	✓	
invalid-json-on-get-sleep-max-ms	Maximum sleep in milliseconds between retries when the JSON received on GET is invalid.		300000	✓	✓	✓	
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.		10000	✓	✓	✓	
invalid-json-on-post-sleep-max-ms	Maximum sleep in milliseconds between retries when the JSON received on POST is invalid.		300000	✓	✓	✓	
invalid-json-on-post-sleep-multiplicator	Multiplication factor for sleep between retries when the JSON received on POST is invalid.		2	✓	✓	✓	
invariantive-sql-compress-sparse-arrays	Whether to compress sparse arrays in result sets during compression.	SQL Engine V1	True	✓	✓	✓	
invariantive-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	✓	✓	✓	
invariantive-sql-forward-filters-to-data-containers	Whether to forward filters to data containers.	SQL Engine V1	True	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Driver's File	Set from Log On
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 events to register from last activation.	Shared		✓	✓	✓	
log-native-calls-to-disk-max-seconds	Maximum number of seconds to register from last activation.	Shared		✓	✓	✓	
log-native-calls-to-disk-on-error	Registers native calls to data container backend as disk files when an error occurred.	Shared	False	✓	✓	✓	
log-native-calls-to-disk-on-success	Registers native calls to data container backend as disk files when successful.	Shared	False	✓	✓	✓	
log-native-calls-to-trace	Log native calls to data container backend on the trace.	Shared	False	✓	✓	✓	
maximum-discovered-column-count	Maximum number of discovered columns. An error will be generated when the column exceeds this value.		250	✓	✓	✓	✓
maximum-length-identifiers	Non-default maximum length in characters of identifier names.	Shared		✓	✓	✓	
max-odata-filters	The maximum number of OData filter elements.	OData	100	✓	✓	✓	
max-url-length-accepted	The maximum accepted URL length before raising an error.	Shared	8000	✓	✓	✓	
max-url-length-desired	The maximum desired URL length.	Shared	8000	✓	✓	✓	
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	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
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	✓	✓	✓	
page-size-rows	Number of rows to retrieve per page.	Logius Centrale OIN Raadpleegvoorziening	30	✓	✓	✓	
partition-slot-based-rate-limit-length-ms	Total length in ms 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	✓	✓	✓	
simulate-http-400-errors	Simulate HTTP 400 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
simulate-http-400-errors-percentage	Percentage of simulated HTTP 400 errors when exchanging results with the OData endpoint.		0	✓	✓	✓	
simulate-http-401-errors	Simulate HTTP 401 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
simulate-http-401-errors-percentage	Percentage of simulated HTTP 401 errors when exchanging results with the OData endpoint.		0	✓	✓	✓	
simulate-http-403-errors	Simulate HTTP 403 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
simulate-http-403-errors-percentage	Percentage of simulated HTTP 403 errors when exchanging results with the OData endpoint.		0	✓	✓	✓	
simulate-http-408-errors	Simulate HTTP 408 errors when exchanging results with the OData endpoint.		False	✓	✓	✓	
simulate-http-408-errors-percentage	Percentage of simulated HTTP 408 errors when exchanging results		0	✓	✓	✓	



Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Driver's File	Set from Log On
	w ith the OData endpoint.						
simulate-http-429-errors	Simulate HTTP 429 errors w hen exchanging results w ith the OData endpoint.		False	✓	✓	✓	
simulate-http-429-errors-percentage	Percentage of simulated HTTP 429 errors w hen exchanging results w ith the OData endpoint.		0	✓	✓	✓	
simulate-http-500-errors	Simulate HTTP 500 errors w hen exchanging results w ith the OData endpoint.		False	✓	✓	✓	
simulate-http-500-errors-percentage	Percentage of simulated HTTP 500 errors w hen exchanging results w ith the OData endpoint.		0	✓	✓	✓	
simulate-http-502-errors	Simulate HTTP 502 errors w hen exchanging results w ith the OData endpoint.		False	✓	✓	✓	
simulate-http-502-errors-percentage	Percentage of simulated HTTP 502 errors w hen exchanging results w ith the OData endpoint.		0	✓	✓	✓	
simulate-http-503-errors	Simulate HTTP 503 errors w hen exchanging results w ith the OData endpoint.		False	✓	✓	✓	
simulate-http-503-errors-percentage	Percentage of simulated HTTP 503 errors w hen exchanging results w ith the OData endpoint.		0	✓	✓	✓	
simulate-http-protocol-errors	Simulate HTTP protocol errors w hen exchanging results w ith the OData endpoint.		False	✓	✓	✓	
simulate-http-protocol-errors-percentage	Percentage of simulated HTTP protocol errors w hen exchanging results w ith the OData endpoint.		0	✓	✓	✓	
simulate-http-timeout-errors	Simulate HTTP timeout errors w hen exchanging results w ith the OData endpoint.		False	✓	✓	✓	
simulate-http-timeout-errors-percentage	Percentage of simulated HTTP timeout errors w hen exchanging results w ith the OData endpoint.		0	✓	✓	✓	
slot-based-rate-limit-length-ms	Total length in ms 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-identifiers	Rew rite all identifiers to the preferred standards as configured by standardize-identifiers-casing and maximum-length-identifiers.	Shared	True	✓	✓	✓	
standardize-identifiers-casing	Rew rite all identifiers to the recommended standard platform-specific casing w hen changing a	Shared	True	✓	✓	✓	

Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
	data model on a case-dependent platform.						
sw agger-specification-file	The Sw agger file path, such as C:\temp\sw agger.json.			✓	✓	✓	✓
sw agger-specification-http-disk-cache-max-age-sec	Maximum acceptable age in seconds for use of Sw agger specification data in the HTTP disk cache.		86400	✓	✓	✓	
sw agger-specification-url	The Sw agger URL such as https://example.org/rest/sw agger.json.			✓	✓	✓	✓
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 answer the current query.	Shared	False	✓	✓	✓	
use-http-disk-cache-write	Whether to memorize HTTP responses on disk.	Shared	False	✓	✓	✓	
use-http-memory-cache-read	Whether to use HTTP responses from previous queries stored in memory that can answer the current query.	OData	True	✓	✓	✓	
use-http-memory-cache-write	Whether to memorize HTTP responses from previous queries for use by future queries.	OData	True	✓	✓	✓	
use-test-environment	Use the test environment. If false or null, the production environment will be used.	Logius Centrale OIN Raadpleegvoorziening	False	✓		✓	✓

## 3 Schema:

### 3.1 Tables

#### 3.1.1 LaatsteWijziging: Logius Centrale OIN Raadpleegvoorziening Last Change

Organisatie resource

Catalog: LogiusCOR

Label: Last Change

Retrieve: true

Select Logius Centrale OIN Raadpleegvoorziening API URL: /laatsteWijziging

Insert Logius Centrale OIN Raadpleegvoorziening API URL: /laatsteWijziging

Update Logius Centrale OIN Raadpleegvoorziening API URL: /laatsteWijziging

Delete Logius Centrale OIN Raadpleegvoorziening API URL: /laatsteWijziging

Field Selection Method: NotRequired

Select Logius Centrale OIN Raadpleegvoorziening API Operation:  
`get /laatsteWijziging`

## Table Columns

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

Name	Data Type	Label	Required	Documentation
<code>laatsteWijziging</code>	string	Last Change	<input type="checkbox"/>	

### 3.1.2 Organisaties: Logius Centrale OIN Raadpleegvoorziening Organizations

Organisaties collectie

Catalog: LogiusCOR

Label: Organizations

Retrieve: true

Select Logius Centrale OIN Raadpleegvoorziening API URL: `/organisaties`

Insert Logius Centrale OIN Raadpleegvoorziening API URL: `/organisaties`

Update Logius Centrale OIN Raadpleegvoorziening API URL: `/organisaties`

Delete Logius Centrale OIN Raadpleegvoorziening API URL: `/organisaties`

Field Selection Method: NotRequired

Base Path: `organisaties[*]`

Select Logius Centrale OIN Raadpleegvoorziening API Operation: `get /organisaties`

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function `Organisaties`. 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 treated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example with ``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
<code>expand</code>	boolean	<input type="checkbox"/>		Deze parameter kan worden gebruikt om alle details van geassocieerde subOins of het hoofdOin van de Organisatie op te vragen. Als de waarde <code>`false`</code>

Name	Data Type	Required	Default Value	Documentation
				is w orden alleen de OIN nummers voor de betreffende organisaties opgehaald. Als de waarde `true` is w orden alle details opgehaald.
fields	string	<input type="checkbox"/>		Deze parameter geeft via een kommagescheiden lijst aan w elke specifieke velden w orden opgehaald
kvkNummer	string	<input type="checkbox"/>		kvkNummer
naam	string	<input type="checkbox"/>		Naam van de organisatie
oin	string	<input type="checkbox"/>		Organisatie Identificatienummer
organisatieCode	string	<input type="checkbox"/>		Code van de organisatie
organisatieType	string	<input type="checkbox"/>		Type van de organisatie (Values: GM, PV, WS, MNRE, GS, GR)
pagina	decimal	<input type="checkbox"/>		De vereiste pagina met de opgehaalde resultaten
status	string	<input type="checkbox"/>		Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn (Values: Actief, Ingetrokken)
zoek	string	<input type="checkbox"/>		Vrije-tekst zoeken op `oin` of `naam` of `afkorting`

## Table Function Columns

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

Name	Data Type	Label	Required	Documentation
afgifteDatum	datetime	Issue Date	<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdOIN_afgifteDatum	datetime		<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdOIN_intrekDatum	datetime		<input type="checkbox"/>	Intrekdatum van de OIN
hoofdOIN_kvKNummer	string		<input type="checkbox"/>	KvK nummer
hoofdOIN_laatsteAangepastDatum	datetime		<input type="checkbox"/>	Datum van w anneer er voor het laatst een aanpassing is gew eest op een van de OIN gegevens
hoofdOIN_naam	string		<input type="checkbox"/>	Naam van de organisatie
hoofdOIN_oin	string		<input type="checkbox"/>	Organisatie Identificatienummer
hoofdOIN_organisatieCode	string		<input type="checkbox"/>	Code van de organisatie
hoofdOIN_organisatieType	string		<input type="checkbox"/>	Type van de organisatie
hoofdOIN_status	string		<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn
intrekDatum	datetime	Revoke Date	<input type="checkbox"/>	Intrekdatum van de OIN
kvkNummer	string	Chamber of Commerce Number	<input type="checkbox"/>	KvK nummer

Name	Data Type	Label	Required	Documentation
laatstAangepastDatum	datetime	Last Modified Date	<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
naam	string	Name	<input type="checkbox"/>	Naam van de organisatie
oin	string	OIN	<input type="checkbox"/>	
organisatieCode	string	Organization Code	<input type="checkbox"/>	Code van de organisatie
organisatieType	string	Organization Type	<input type="checkbox"/>	Type van de organisatie
status	string	Status	<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn

### 3.1.3 OrganisationsByOinPath: Logius Centrale OIN Raadpleegvoorziening Organization by OIN Path

Organisatie resource

Catalog: LogiusCOR

Label: Organization by OIN Path

Retrieve: true

Select Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/{oin\_path}

Insert Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/{oin\_path}

Update Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/{oin\_path}

Delete Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/{oin\_path}

Field Selection Method: NotRequired

Base Path: organisaties[\*]

Select Logius Centrale OIN Raadpleegvoorziening API Operation: get /organisaties/{oin\_path}

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function `OrganisationsByOinPath`. 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 treated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example with ``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
beschikbaarOp	datetime	<input type="checkbox"/>		Tijdreizen organisatie voor de beschikbaar op datum. Deze parameter kan alleen worden gecombineerd met de parameter geldigOp.
expand	boolean	<input type="checkbox"/>		Deze parameter kan worden gebruikt om alle details van geassocieerde subOIns of het hoofdOin van de Organisatie op te vragen. Als de waarde `false` is worden alleen de OIN nummers voor de betreffende organisaties opgehaald. Als de waarde `true` is worden alle details opgehaald.
fields	string	<input type="checkbox"/>		Deze parameter geeft via een kommagescheiden lijst aan welke specifieke velden worden opgehaald
geldigOp	datetime	<input type="checkbox"/>		Tijdreizen organisatie voor de geldig op datum. Deze parameter kan alleen worden gecombineerd met de parameter beschikbaarOp.
oin_path	int64	<input checked="" type="checkbox"/>		Organisatie Identificatienummer

## Table Function Columns

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

Name	Data Type	Label	Required	Documentation
afgifteDatum	datetime	Issue Date	<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdOIN_afgifteDatum	datetime		<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdOIN_intrekDatum	datetime		<input type="checkbox"/>	Intrekdatum van de OIN
hoofdOIN_kvKNummer	string		<input type="checkbox"/>	KvK nummer
hoofdOIN_laatsteAangepastDatum	datetime		<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
hoofdOIN_naam	string		<input type="checkbox"/>	Naam van de organisatie
hoofdOIN_oin	string		<input type="checkbox"/>	Organisatie Identificatienummer
hoofdOIN_organisatieCode	string		<input type="checkbox"/>	Code van de organisatie
hoofdOIN_organisatieType	string		<input type="checkbox"/>	Type van de organisatie
hoofdOIN_status	string		<input type="checkbox"/>	Status van de OIN in de COR. Deze kan 'Actief' of 'Ingetrokken' zijn

Name	Data Type	Label	Required	Documentation
intrekDatum	datetime	Revoke Date	<input type="checkbox"/>	Intrekdatum van de OIN
kvkNummer	string	Chamber of Commerce Number	<input type="checkbox"/>	KvK nummer
laatstAangepastDatum	datetime	Last Modified Date	<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
naam	string	Name	<input type="checkbox"/>	Naam van de organisatie
oin	string	OIN	<input type="checkbox"/>	
organisatieCode	string	Organization Code	<input type="checkbox"/>	Code van de organisatie
organisatieType	string	Organization Type	<input type="checkbox"/>	Type van de organisatie
status	string	Status	<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn

### 3.1.4 OrganisatiesSubOINs: Logius Centrale OIN Raadpleegvoorziening Organizations by Sub OIN

Organisaties collectie

Catalog: LogiusCOR

Label: Organizations by Sub OIN

Retrieve: true

Select Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties

Insert Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties

Update Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties

Delete Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties

Field Selection Method: NotRequired

Base Path: organisaties[\*].subOINs[\*]

Select Logius Centrale OIN Raadpleegvoorziening API Operation: get /organisaties

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function `OrganisatiesSubOINs`. 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 treated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example with ``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
expand	boolean	<input type="checkbox"/>		Deze parameter kan worden gebruikt om alle details van geassocieerde subOIns of het hoofdOin van de Organisatie op te vragen. Als de waarde `false` is worden alleen de OIN nummers voor de betreffende organisaties opgehaald. Als de waarde `true` is worden alle details opgehaald.
fields	string	<input type="checkbox"/>		Deze parameter geeft via een kommagescheiden lijst aan welke specifieke velden worden opgehaald
kvkNummer	string	<input type="checkbox"/>		kvkNummer
naam	string	<input type="checkbox"/>		Naam van de organisatie
oin	string	<input type="checkbox"/>		Organisatie Identificatienummer
organisatieCode	string	<input type="checkbox"/>		Code van de organisatie
organisatieType	string	<input type="checkbox"/>		Type van de organisatie (Values: GM, PV, WS, MNRE, GS, GR)
pagina	decimal	<input type="checkbox"/>		De vereiste pagina met de opgehaalde resultaten
status	string	<input type="checkbox"/>		Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn (Values: Actief, Ingetrokken)
zoek	string	<input type="checkbox"/>		Vrije-tekst zoeken op `oin` of `naam` of `afkorting`

## Table Function Columns

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

Name	Data Type	Label	Required	Documentation
afgifteDatum	datetime	Issue Date	<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdAfgifteDatum	datetime		<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdIntrekDatum	datetime		<input type="checkbox"/>	Intrekdatum van de OIN
hoofdKvkNummer	string		<input type="checkbox"/>	KvK nummer
hoofdLaatstAangepastDatum	datetime		<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
hoofdNaam	string		<input type="checkbox"/>	Naam van de organisatie
hoofdOIN_afgifteDatum	datetime		<input type="checkbox"/>	Afgiftedatum van de OIN
hoofdOIN_intrekDatum	datetime		<input type="checkbox"/>	Intrekdatum van de OIN
hoofdOIN_kvkJNummer	string		<input type="checkbox"/>	KvK nummer



Name	Data Type	Label	Required	Documentation
hoofdOIN_laastAangepastDatum	datetime		<input type="checkbox"/>	Datum van w anneer er voor het laatst een aanpassing is gew eest op een van de OIN gegevens
hoofdOIN_naam	string		<input type="checkbox"/>	Naam van de organisatie
hoofdOIN_oin	string		<input type="checkbox"/>	Organisatie Identificatienummer
hoofdOIN_organisatieCode	string		<input type="checkbox"/>	Code van de organisatie
hoofdOIN_organisatieType	string		<input type="checkbox"/>	Type van de organisatie
hoofdOIN_status	string		<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn
hoofdOin	string		<input type="checkbox"/>	
hoofdOrganisatieCode	string		<input type="checkbox"/>	Code van de organisatie
hoofdOrganisatieType	string		<input type="checkbox"/>	Type van de organisatie
hoofdStatus	string		<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn
intrekDatum	datetime	Revoke Date	<input type="checkbox"/>	Intrekdatum van de OIN
kvkNummer	string	Chamber of Commerce Number	<input type="checkbox"/>	KvK nummer
laastAangepastDatum	datetime	Last Modified Date	<input type="checkbox"/>	Datum van w anneer er voor het laatst een aanpassing is gew eest op een van de OIN gegevens
naam	string	Name	<input type="checkbox"/>	Naam van de organisatie
oin	string	OIN	<input type="checkbox"/>	Organisatie Identificatienummer
organisatieCode	string	Organization Code	<input type="checkbox"/>	Code van de organisatie
organisatieType	string	Organization Type	<input type="checkbox"/>	Type van de organisatie
status	string	Status	<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn

### 3.1.5 OrganisatiesSubOINsByOinPath: Logius Centrale OIN Raadpleegvoorziening Organizations by Sub OIN Path

Organisatie resource

Catalog: LogiusCOR

Label: Organizations by Sub OIN Path

Retrieve: true

Select Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/  
{oin\_path}

Insert Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/  
{oin\_path}

Update Logius Centrale OIN Raadpleegvoorziening API URL: /organisaties/  
{oin\_path}

Delete Logius Centrale OIN Raadpleegvoorziening API URL: `/organisaties/{oin_path}`

Field Selection Method: NotRequired

Base Path: `organisaties[*].subOINs[*]`

Select Logius Centrale OIN Raadpleegvoorziening API Operation: `get /organisaties/{oin_path}`

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function `OrganisatiesSubOINsByOinPath`. 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 treated using their default values.

Value specification by position is done by listing all values from the first to the last needed value. For example with ``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
beschikbaarOp	datetime	<input type="checkbox"/>		Tijdreizen organisatie voor de beschikbaar op datum. Deze parameter kan alleen w orden gecombineerd met de parameter geldigOp.
expand	boolean	<input type="checkbox"/>		Deze parameter kan w orden gebruikt om alle details van geassocieerde subOIns of het hoofdOin van de Organisatie op te vragen. Als de waarde `false` is w orden alleen de OIN nummers voor de betreffende organisaties opgehaald. Als de waarde `true` is w orden alle details opgehaald.
fields	string	<input type="checkbox"/>		Deze parameter geeft via een kommagescheiden lijst aan w elke specifieke velden w orden opgehaald
geldigOp	datetime	<input type="checkbox"/>		Tijdreizen organisatie voor de geldig op datum. Deze parameter kan alleen w orden gecombineerd met de parameter beschikbaarOp.
oin_path	int64	<input checked="" type="checkbox"/>		Organisatie Identificatienummer

## Table Function Columns

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

Name	Data Type	Label	Required	Documentation
<code>afgifteDatum</code>	datetime	Issue Date	<input type="checkbox"/>	Afgiftedatum van de OIN
<code>hoofdAfgifteDatum</code>	datetime		<input type="checkbox"/>	Afgiftedatum van de OIN
<code>hoofdIntrekDatum</code>	datetime		<input type="checkbox"/>	Intrekdatum van de OIN
<code>hoofdKvkNummer</code>	string		<input type="checkbox"/>	KvK nummer
<code>hoofdLaatstAangepastDatum</code>	datetime		<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
<code>hoofdNaam</code>	string		<input type="checkbox"/>	Naam van de organisatie
<code>hoofdOIN_afgifteDatum</code>	datetime		<input type="checkbox"/>	Afgiftedatum van de OIN
<code>hoofdOIN_intrekDatum</code>	datetime		<input type="checkbox"/>	Intrekdatum van de OIN
<code>hoofdOIN_kvkJNummer</code>	string		<input type="checkbox"/>	KvK nummer
<code>hoofdOIN_laatstAangepastDatum</code>	datetime		<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
<code>hoofdOIN_naam</code>	string		<input type="checkbox"/>	Naam van de organisatie
<code>hoofdOIN_oin</code>	string		<input type="checkbox"/>	Organisatie Identificatienummer
<code>hoofdOIN_organisatieCode</code>	string		<input type="checkbox"/>	Code van de organisatie
<code>hoofdOIN_organisatieType</code>	string		<input type="checkbox"/>	Type van de organisatie
<code>hoofdOIN_status</code>	string		<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn
<code>hoofdOin</code>	string		<input type="checkbox"/>	
<code>hoofdOrganisatieCode</code>	string		<input type="checkbox"/>	Code van de organisatie
<code>hoofdOrganisatieType</code>	string		<input type="checkbox"/>	Type van de organisatie
<code>hoofdStatus</code>	string		<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn
<code>intrekDatum</code>	datetime	Revoke Date	<input type="checkbox"/>	Intrekdatum van de OIN
<code>kvkJNummer</code>	string	Chamber of Commerce Number	<input type="checkbox"/>	KvK nummer
<code>laatstAangepastDatum</code>	datetime	Last Modified Date	<input type="checkbox"/>	Datum van wanneer er voor het laatst een aanpassing is geweest op een van de OIN gegevens
<code>naam</code>	string	Name	<input type="checkbox"/>	Naam van de organisatie
<code>oin</code>	string	OIN	<input type="checkbox"/>	Organisatie Identificatienummer
<code>organisatieCode</code>	string	Organization Code	<input type="checkbox"/>	Code van de organisatie
<code>organisatieType</code>	string	Organization Type	<input type="checkbox"/>	Type van de organisatie
<code>status</code>	string	Status	<input type="checkbox"/>	Status van de OIN in the COR. Deze kan 'Actief' of 'Ingetrokken' zijn

## 4 Schema: Native

### 4.1 Tables

#### 4.1.1 NATIVEPLATFORMSCALARREQUESTS: Logius Centrale OIN Raadpleegvoorziening Native Platform Scalar Requests

Direct access to native API.

Catalog: LogiusCOR

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 Logius Centrale OIN Raadpleegvoorziening API server. It will contain a new row for every row inserted with a native API request in PAYLOAD\_TEXT with the results of unaltered forwarding of the payload to the Logius Centrale OIN Raadpleegvoorziening API server.

Retrieve: true

Insert: true

Update: false

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	<input checked="" type="checkbox"/>	Indicator whether a BLOB result is preferred over text.
BOL_RESPONSE_CACHE_MAX_AGE_SEC	int32	Response Cache Maximum Age (sec)	<input type="checkbox"/>	Maximum age in seconds of Bridge Online response cache entries to be used.
CONTENT_TYPE	string(240)	Content Type	<input type="checkbox"/>	
DATE_ENDED	datetime	End Date	<input checked="" type="checkbox"/>	
DATE_STARTED	datetime	Start Date	<input checked="" type="checkbox"/>	
DRY_RUN	boolean	Run without Actions	<input checked="" type="checkbox"/>	
DURATION_MS	int32	Duration (ms)	<input checked="" type="checkbox"/>	
ERROR_MESSAGE_CODE	string(30)	Error Message Code	<input type="checkbox"/>	
ERROR_MESSAGE_TEXT	string(32000)	Error Message Text	<input type="checkbox"/>	
FAIL_ON_ERROR	boolean	Fail on Error	<input checked="" type="checkbox"/>	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)	<input type="checkbox"/>	Maximum age in seconds of HTTP disk cache entries to be used.

Name	Data Type	Label	Required	Documentation
HTTP_DISK_CACHE_SAVE	boolean	Save HTTP Disk Cache	<input type="checkbox"/>	Whether results can be stored in HTTP disk cache.
HTTP_DISK_CACHE_USE	boolean	Use HTTP Disk Cache	<input type="checkbox"/>	Whether results can be fetched from HTTP disk cache.
HTTP_MEMORY_CACHE_MAX_AGE_SEC	int32	HTTP Memory Cache Maximum Age (sec)	<input type="checkbox"/>	Maximum age in seconds of HTTP memory cache entries to be used.
HTTP_MEMORY_CACHE_SAVE	boolean	Save HTTP Memory Cache	<input type="checkbox"/>	Whether results can be stored in HTTP memory cache.
HTTP_MEMORY_CACHE_USE	boolean	Use HTTP Memory Cache	<input type="checkbox"/>	Whether results can be fetched from HTTP memory cache.
HTTP_METHOD	string(30)	HTTP Method	<input type="checkbox"/>	
HTTP_STATUS_CODE	int16	HTTP Status Code	<input type="checkbox"/>	
ORIG_SYSTEM_GROUP	string(4000)	Original System Group	<input type="checkbox"/>	
ORIG_SYSTEM_REFERENCE	string(4000)	Original System Reference	<input type="checkbox"/>	
PAYLOAD_TEXT	string	Payload	<input type="checkbox"/>	
RESULT_BLOB	byte[]	Result BLOB	<input type="checkbox"/>	
RESULT_DATE_TIME_UTC	datetime		<input type="checkbox"/>	
RESULT_NUMBER	decimal		<input type="checkbox"/>	
RESULT_TEXT	string	Result Text	<input type="checkbox"/>	
SUCCESSFUL	boolean	Successful	<input checked="" type="checkbox"/>	
TIMEOUT_SEC	int32	Timeout (sec)	<input type="checkbox"/>	Timeout in seconds.
TRANSACTION_ID	int32	Transaction ID	<input checked="" type="checkbox"/>	Incrementing ID of the transaction.
URL	string(4000)	URL	<input type="checkbox"/>	

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# *invantive* the **SQL** company

Invantive B.V.  
Biesteweg 11  
3849 RD Hierden  
Nederland

Tel: +31 88 00 26 500  
Fax: +31 84 22 58 178  
info@invantive.nl  
invantive.nl

IBAN NL25 BUNQ 2098 2586 07  
Kamer van Koophandel 13031406  
BTW NL812602377B01  
RSIN 8122602377  
Algemeen Directeur: Guido Leenders  
Statutaire zetel: Roermond