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This manual is a reference guide intended to clarify usage. If data in the sample images match data in your system, the similarity is coincidental.

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1 Provider Ftp: FTP.

FTP.

Code for use in settings.xml: Ftp

Alias: ftp

Abbreviation: ftp

Status: Production

Available in Editions: Paid

String-comparison is Case-sensitive: true

Use Catalog in Full Name: true

Use Schema in Full Name: true

Updated: 23-06-2019 19:40 using Invantive SQL version 17.33.48-BETA+2173.

Provider Attributes

The following provider attributes are available for Ftp:

| Code | Description | Default Value | Set from Connection String | Set from Set SQL-Statement | Set from Providers File | Set from Log On |
|----------------------------------|--|---------------|----------------------------|----------------------------|-------------------------|-----------------|
| site | {res:itgen_ftp_site_description} | | ✓ | | ✓ | ✓ |
| port | {res:itgen_ftp_port_description} | 21 | ✓ | | ✓ | ✓ |
| use-ssl | Use SSL for the connection (FTPS). | False | ✓ | | ✓ | ✓ |
| use-passive | Use passive FTP(S) instead of active. | True | ✓ | | ✓ | ✓ |
| use-binary | Use binary mode (true) or ASCII mode (false) transfers by default. | True | ✓ | | ✓ | ✓ |
| timeout-connection-sec | Seconds to wait for a connection attempt to succeed before giving up. | 30 | ✓ | | ✓ | ✓ |
| timeout-data-connection-sec | Seconds for a data connection to be established before giving up. | 30 | ✓ | | ✓ | ✓ |
| timeout-data-read-sec | Seconds the data channel should wait for the server to send data. | 30 | ✓ | | ✓ | ✓ |
| timeout-read-sec | Seconds for data to be read from the underlying stream. | 30 | ✓ | | ✓ | ✓ |
| socket-poll-interval-sec | Seconds between two poll intervals when enabled. | 15 | ✓ | | ✓ | ✓ |
| socket-keep-alive | Whether to keep the connection alive by polling. | False | ✓ | | ✓ | ✓ |
| special-connection-type | Special connection types for specialized use. | | ✓ | | ✓ | ✓ |
| ssl-protocols | Comma-separated list of SSL protocols, defaults to TLS 1.1 and TLS 1.2. | | ✓ | | ✓ | ✓ |
| force-case-sensitive-identifiers | Consider identifiers as case-sensitive independent of the platform capabilities. | False | ✓ | ✓ | ✓ | |

| Code | Description | Default Value | Set from Connection String | Set from Set SQL-Statement | Set from Providers File | Set from Log On |
|---|---|---------------|----------------------------|----------------------------|-------------------------|-----------------|
| forced-casing-identifiers | Forced casing of identifiers. Choose from Unset, Lower, Upper and Mixed. | | ✓ | ✓ | ✓ | |
| invantive-sql-forward-filters-to-data-containers | Whether to forward filters to data containers. | True | ✓ | ✓ | ✓ | |
| invantive-sql-shuffle-fetch-results-data-containers | Whether to shuffle results fetched from data containers. | False | ✓ | ✓ | ✓ | |
| invantive-use-cache | Whether to cache the results of a query. | True | ✓ | ✓ | ✓ | |
| maximum-length-identifiers | Non-default maximum length in characters of identifier names. | | ✓ | ✓ | ✓ | |
| max-url-length-accepted | The maximum accepted URL length before raising an error. | 8000 | ✓ | ✓ | ✓ | |
| max-url-length-desired | The maximum desired URL length. | 8000 | ✓ | ✓ | ✓ | |
| partition-slot-based-rate-limit-length-ms | Total length in ms across all slots of a partition-based rate limit. | 60000 | ✓ | | ✓ | |
| partition-slot-based-rate-limit-slots | Number of slots per partition-based rate limit. Null means no slot-based rate limit | | ✓ | | ✓ | |
| pre-request-delay-ms | Pre-request delay in milliseconds per request. | 0 | ✓ | ✓ | ✓ | |
| requests-parallel-max | Maximum number of parallel data requests from individual partitions on the data container. | 32 | ✓ | ✓ | ✓ | |
| slot-based-rate-limit-length-ms | Total length in ms across all slots of a slot-based rate limit. | 60000 | ✓ | | ✓ | |
| slot-based-rate-limit-slots | Number of slots of a slot-based rate limit. Null means no slot-based rate limit | | ✓ | | ✓ | |
| standardize-identifiers | Rewrite all identifiers to the preferred standards as configured by standardize-identifiers-casing and maximum-length-identifiers. | True | ✓ | ✓ | ✓ | |
| standardize-identifiers-casing | Rewrite all identifiers to the recommended standard platform-specific casing when changing a data model on a case-dependent platform. | True | ✓ | ✓ | ✓ | |
| trace-native-calls | Trace native calls to data container backend. | False | ✓ | ✓ | ✓ | |

2 Catalog: FTP

2.1 Schemas

2.1.1 Schema:

2.1.1.1 Tables

DIRECTORIES: Directories

Name: DIRECTORIES

Catalog: FTP

Label: Directories

Documentation:

Directories.

Partition-specific: false

Select: true

Insert: true

Update: false

Delete: false

Table Columns

| Name | Data Type | Label | Required | Documentation |
|-----------------------|-----------|-------|--------------------------|---------------|
| remote_directory_path | string | | <input type="checkbox"/> | |

FILE_CONTENTS: File Contents

Name: FILE_CONTENTS

Catalog: FTP

Label: File Contents

Documentation:

File contents.

Partition-specific: false

Select: true

Insert: true

Update: false

Delete: false

Parameters

| Name | Data Type | Required | Default Value | Documentation |
|-----------------------|-----------|--------------------------|---------------|---------------|
| remote_directory_path | string | <input type="checkbox"/> | | |
| remote_file_name | string | <input type="checkbox"/> | | |

Table Columns

| Name | Data Type | Label | Required | Documentation |
|-----------------------|-----------|-------|--------------------------|---------------|
| contents | byte[] | | <input type="checkbox"/> | |
| remote_directory_path | string | | <input type="checkbox"/> | |
| remote_file_name | string | | <input type="checkbox"/> | |

FILES_PER_FOLDER: Files per Folder

Name: FILES_PER_FOLDER

Catalog: FTP

Label: Files per Folder

Documentation:

Scan directory for file and directory names.

Partition-specific: false

Select: true

Insert: false

Update: false

Delete: false

Parameters

| Name | Data Type | Required | Default Value | Documentation |
|-----------------------|-----------|-------------------------------------|---------------|---------------|
| remote_directory_path | string | <input checked="" type="checkbox"/> | | |

Table Columns

| Name | Data Type | Label | Required | Documentation |
|--------------------|-----------|-------|--------------------------|--|
| chmod | int32 | | | File permissions. |
| date_created | datetime | | <input type="checkbox"/> | |
| date_last_modified | datetime | | <input type="checkbox"/> | |
| directory_name | string | | <input type="checkbox"/> | |
| file_name | string | | <input type="checkbox"/> | |
| group_permissions | string | | | Group permissions, combination of None, Execute, Read and Write. |
| link_count | int32 | | | Number of files pointing to this file. |
| link_object_name | string | | | Full name of the link target. |
| link_target | string | | | Link target. |
| other_permissions | string | | | Other user permissions, combination of None, Execute, |

| Name | Data Type | Label | Required | Documentation |
|---------------------|-----------|-------|--------------------------|--|
| | | | | Read and Write. |
| owner_permissions | string | | | Owner permissions, combination of None, Execute, Read and Write. |
| raw_input | string | | | Input string parsed to generate this row . |
| raw_permissions | string | | | Input string parsed to generate the permissions. |
| size_bytes | int64 | | <input type="checkbox"/> | |
| special_permissions | string | | | Special permissions, such as sticky, SUID and SGID. |
| type | string | | | Type of file system object (file, directory or link). |

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