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# Data Dictionary Data Model

*for use with Invantive SQL*

24.0



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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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# Contents

|            |  |            |
|------------|--|------------|
| <b>1</b>   | <b>SQL Driver for Data Dictionary</b>  | <b>1</b>   |
| <b>2</b>   | <b>SQL Driver Attributes</b>   | <b>2</b>   |
| <b>3</b>   | <b>Catalog: DataDictionary</b>   | <b>4</b>   |
| <b>3.1</b> | <b>Schemas .....</b>   | <b>4</b>   |
| 3.1.1      | Schema: Invantive .....  | 4          |
| 3.1.2      | Schema: View s .....   | 101        |
| <b>4</b>   | <b>Package: dcr_metadata</b>   | <b>105</b> |
| <b>4.1</b> | <b>Procedures .....</b>  | <b>105</b> |
| 4.1.1      | dcr_metadata.get_partitions: Data Dictionary Data container metadata package ..... | 105        |
|            | <b>Index</b>   | <b>106</b> |

## 1 SQL Driver for Data Dictionary

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.

The Invantive UniversalSQL data dictionary contains the metadata of your current environment.

The Data Dictionary driver covers 80 tables and 1922 columns.

### Data Dictionary Clients

Invantive UniversalSQL is available on many user interfaces ("clients" in traditional server-client paradigm). 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.

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.

### Specifications

The SQL driver for Data Dictionary does not support partitioning.

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](#)<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 Data Dictionary the comparison of two texts is case sensitive by default.

Changes and bug fixes on the Data Dictionary SQL driver can be found in the [release notes](#). Get access to the community through the [Data Dictionary section](#) of the Invantive forums.

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

Alias: `dd`

Recommended alias: `dd`

More technical documentation as provided by the supplier of Data Dictionary on the native connection used can be found at <https://cloud.invantive.com/product-manuals>.

Technical support (URL): <https://forums.invantive.com>

Function documentation (URL): <https://cloud.invantive.com/data-models>

Function support (URL): <https://forums.invantive.com>

For example, the view `SystemTables@DataDictionary` contains every available table and view in the current database. Besides object definitions also actual execution information is available in views. For example, the view `SystemSqlArea@DataDictionary` contains all executed and cached Invariantive SQL statements. The data in the data dictionary views is generated dynamically by Invariantive SQL from the runtime environment. Changing data in the data dictionary views is not possible.

## 2 SQL Driver Attributes

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

The Data Dictionary 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 Data Dictionary 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 Data Dictionary 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 |
|---------------------------------|---|--------|---------------|----------------------------|----------------------------|-----------------------|-----------------|
| 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         | ✓                          | ✓                          | ✓                     |                 |

| Code  | Description   | Origin          | Default Value | Set from Connection String | Set from Set SQL-Statement | Set from Driver's File | Set from Log On |
|---|---|-----------------|---------------|----------------------------|----------------------------|------------------------|-----------------|
| 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          | 10000         | ✓                          | ✓                          | ✓                      |                 |
| connection-string                                   | The connection string for the backing database.   | Data Dictionary |               | ✓                          |                            | ✓                      |                 |
| force-case-sensitive-identifiers                    | Consider identifiers as case-sensitive independent of the platform capabilities.  | Shared          | False         | ✓                          | ✓                          | ✓                      |                 |
| forced-casing-identifiers                           | Forced casing of identifiers. Choose from: Unset, Lower, Upper and Mixed.   | Shared          |               | ✓                          | ✓                          | ✓                      |                 |
| 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           | {res:itgen_pae_invantive_sql_execution_profile_disk_path}   | SQL Engine V1   |               | ✓                          | ✓                          | ✓                      |                 |
| invantive-sql-execution-profile-to-disk             | {res:itgen_pae_invantive_sql_execution_profile_to_disk}   | SQL Engine V1   | False         | ✓                          | ✓                          | ✓                      |                 |
| 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          | ✓                          | ✓                          | ✓                      |                 |
| 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         | ✓                          | ✓                          | ✓                      |                 |

| Code                                      | Description   | Origin          | Default Value | Set from Connection String | Set from Set SQL-Statement | Set from Driver's File | Set from Log On |
|---|---|-----------------|---------------|----------------------------|----------------------------|------------------------|-----------------|
| 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         | ✓                          | ✓                          | ✓                      |                 |
| maximum-length-identifiers                | Non-default maximum length in characters of identifier names.   | Shared          |               | ✓                          | ✓                          | ✓                      |                 |
| 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             | ✓                          | ✓                          | ✓                      |                 |
| provider                                  | Name of the Invariant connector for the backing database.   | Data Dictionary |               | ✓                          |                            | ✓                      |                 |
| requested-maximum-usable-partitions       | Requested Maximum Usable Partitions   | Shared          |               | ✓                          | ✓                          | ✓                      |                 |
| 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            | ✓                          | ✓                          | ✓                      |                 |
| 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-identifiers                   | Rewrite all identifiers to the preferred standards as configured by standardize-identifiers-casing and maximum-length-identifiers.    | Shared          | True          | ✓                          | ✓                          | ✓                      |                 |
| standardize-identifiers-casing            | Rewrite all identifiers to the recommended standard platform-specific casing when changing a data model on a case-dependent platform. | Shared          | True          | ✓                          | ✓                          | ✓                      |                 |

## 3 Catalog: DataDictionary

### 3.1 Schemas

#### 3.1.1 Schema: Invariant

##### 3.1.1.1 Tables

#### AUDITEVENTS: Data Dictionary Audit Events

Application-specific events for billing, monitoring and analysis.

Catalog: DataDictionary

Schema: Invantive

Alias: aet

Label: Audit Events

Retrieve: true

Insert: true

Update: false

Delete: false

## View Columns

The columns of the view AUDITEVENTS 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                                     |
|--------------------------|---------------|--------------------------|-------------------------------------|---|
| APPLICATION_NAME         | varchar2(240) | Application Name         | <input checked="" type="checkbox"/> | Application name.                                 |
| APPLICATION_USER         | varchar2(240) | Application User         | <input type="checkbox"/>            | Application user.                                 |
| BILLING_ID               | varchar2      | Billing ID               | <input type="checkbox"/>            | ID for billing.                                   |
| BILLING_POOL_IDENTITY_ID | varchar2      | Billing Pool Identity ID | <input type="checkbox"/>            | Pool identity ID for billing.                     |
| BILLING_REFERENCE        | varchar2      | Billing Reference        | <input type="checkbox"/>            | Reference for billing, such as your cost centers. |
| DATA_CONTAINER_ID        | varchar2      | Data Container ID        | <input checked="" type="checkbox"/> | ID of the data container.                         |
| DIMENSION1_NAME          | varchar2      | Dimension 1 Name         | <input type="checkbox"/>            | Name of dimension 1.                              |
| DIMENSION1_VALUE         | varchar2      | Dimension 1 Value        | <input type="checkbox"/>            | Value of dimension 1.                             |
| DIMENSION10_NAME         | varchar2      | Dimension 10 Name        | <input type="checkbox"/>            | Name of dimension 10.                             |
| DIMENSION10_VALUE        | varchar2      | Dimension 10 Value       | <input type="checkbox"/>            | Value of dimension 10.                            |
| DIMENSION11_NAME         | varchar2      | Dimension 11 Name        | <input type="checkbox"/>            | Name of dimension 11.                             |
| DIMENSION11_VALUE        | varchar2      | Dimension 11 Value       | <input type="checkbox"/>            | Value of dimension 11.                            |
| DIMENSION12_NAME         | varchar2      | Dimension 12 Name        | <input type="checkbox"/>            | Name of dimension 12.                             |
| DIMENSION12_VALUE        | varchar2      | Dimension 12 Value       | <input type="checkbox"/>            | Value of dimension 12.                            |
| DIMENSION13_NAME         | varchar2      | Dimension 13 Name        | <input type="checkbox"/>            | Name of dimension 13.                             |
| DIMENSION13_VALUE        | varchar2      | Dimension 13 Value       | <input type="checkbox"/>            | Value of dimension 13.                            |
| DIMENSION14_NAME         | varchar2      | Dimension 14 Name        | <input type="checkbox"/>            | Name of dimension 14.                             |
| DIMENSION14_VALUE        | varchar2      | Dimension 14 Value       | <input type="checkbox"/>            | Value of dimension 14.                            |
| DIMENSION15_NAME         | varchar2      | Dimension 15 Name        | <input type="checkbox"/>            | Name of dimension 15.                             |
| DIMENSION15_VALUE        | varchar2      | Dimension 15 Value       | <input type="checkbox"/>            | Value of dimension 15.                            |
| DIMENSION16_NAME         | varchar2      | Dimension 16 Name        | <input type="checkbox"/>            | Name of dimension 16.                             |
| DIMENSION16_VALUE        | varchar2      | Dimension 16 Value       | <input type="checkbox"/>            | Value of dimension 16.                            |
| DIMENSION17_NAME         | varchar2      | Dimension 17 Name        | <input type="checkbox"/>            | Name of dimension 17.                             |
| DIMENSION17_VALUE        | varchar2      | Dimension 17 Value       | <input type="checkbox"/>            | Value of dimension 17.                            |
| DIMENSION18_NAME         | varchar2      | Dimension 18 Name        | <input type="checkbox"/>            | Name of dimension 18.                             |
| DIMENSION18_VALUE        | varchar2      | Dimension 18 Value       | <input type="checkbox"/>            | Value of dimension 18.                            |
| DIMENSION19_NAME         | varchar2      | Dimension 19 Name        | <input type="checkbox"/>            | Name of dimension 19.                             |

| Name                    | Data Type          | Label                        | Required                            | Documentation  |
|-------------------------|--------------------|------------------------------|-------------------------------------|--|
| DIMENSION19_VALUE       | varchar2           | Dimension 19 Value           | <input type="checkbox"/>            | Value of dimension 19.   |
| DIMENSION2_NAME         | varchar2           | Dimension 2 Name             | <input type="checkbox"/>            | Name of dimension 2.   |
| DIMENSION2_VALUE        | varchar2           | Dimension 2 Value            | <input type="checkbox"/>            | Value of dimension 2.  |
| DIMENSION20_NAME        | varchar2           | Dimension 20 Name            | <input type="checkbox"/>            | Name of dimension 20.  |
| DIMENSION20_VALUE       | varchar2           | Dimension 20 Value           | <input type="checkbox"/>            | Value of dimension 20.   |
| DIMENSION3_NAME         | varchar2           | Dimension 3 Name             | <input type="checkbox"/>            | Name of dimension 3.   |
| DIMENSION3_VALUE        | varchar2           | Dimension 3 Value            | <input type="checkbox"/>            | Value of dimension 3.  |
| DIMENSION4_NAME         | varchar2           | Dimension 4 Name             | <input type="checkbox"/>            | Name of dimension 4.   |
| DIMENSION4_VALUE        | varchar2           | Dimension 4 Value            | <input type="checkbox"/>            | Value of dimension 4.  |
| DIMENSION5_NAME         | varchar2           | Dimension 5 Name             | <input type="checkbox"/>            | Name of dimension 5.   |
| DIMENSION5_VALUE        | varchar2           | Dimension 5 Value            | <input type="checkbox"/>            | Value of dimension 5.  |
| DIMENSION6_NAME         | varchar2           | Dimension 6 Name             | <input type="checkbox"/>            | Name of dimension 6.   |
| DIMENSION6_VALUE        | varchar2           | Dimension 6 Value            | <input type="checkbox"/>            | Value of dimension 6.  |
| DIMENSION7_NAME         | varchar2           | Dimension 7 Name             | <input type="checkbox"/>            | Name of dimension 7.   |
| DIMENSION7_VALUE        | varchar2           | Dimension 7 Value            | <input type="checkbox"/>            | Value of dimension 7.  |
| DIMENSION8_NAME         | varchar2           | Dimension 8 Name             | <input type="checkbox"/>            | Name of dimension 8.   |
| DIMENSION8_VALUE        | varchar2           | Dimension 8 Value            | <input type="checkbox"/>            | Value of dimension 8.  |
| DIMENSION9_NAME         | varchar2           | Dimension 9 Name             | <input type="checkbox"/>            | Name of dimension 9.   |
| DIMENSION9_VALUE        | varchar2           | Dimension 9 Value            | <input type="checkbox"/>            | Value of dimension 9.  |
| GUI_ACTION              | varchar2(240)      | GUI Action                   | <input type="checkbox"/>            | Action performed w ithin the user interface.                     |
| GUI_IP_ADDRESS_EXTERNAL | varchar2(240)      | GUI External IP Ad-<br>dress | <input checked="" type="checkbox"/> | External IP address of the GUI application.                      |
| GUI_IP_ADDRESS_INTERNAL | varchar2(240)      | GUI Internal IP Ad-<br>dress | <input checked="" type="checkbox"/> | Internal IP address of the GUI application.                      |
| GUI_MACHINE             | varchar2(240)      | GUI Machine                  | <input type="checkbox"/>            | Name of the machine running the GUI application.                 |
| GUI_MODULE_NAME         | varchar2(240)      | GUI Module Name              | <input type="checkbox"/>            | Module w ithin the GUI application currently running.            |
| GUI_MODULE_VERSION      | varchar2(240)      | GUI Module Version           | <input type="checkbox"/>            | Version of module w ithin the GUI application currently running. |
| GUI_MODULE              | varchar2(240)      | GUI Module                   | <input type="checkbox"/>            | Module w ithin the GUI application currently running.            |
| GUI_OS_USER             | varchar2(240)      | GUI OS User                  | <input type="checkbox"/>            | OS user running the GUI applica-<br>tion.                        |
| IID                     | varchar2           | IID                          | <input type="checkbox"/>            | Invantive installation ID.                                       |
| IS_APPLICATION_MANAGED  | char               | Application Managed          | <input checked="" type="checkbox"/> | Indicator w hether event w as<br>managed by the application.     |
| IS_MONITORING           | char               | Is Monitoring                | <input type="checkbox"/>            | Indicator w hether event must be<br>forw arded for monitoring.   |
| IUID                    | varchar2           | IUID                         | <input type="checkbox"/>            | Invantive user ID.   |
| LAST_LOGON_TIME         | datetime           | Logon Time                   | <input type="checkbox"/>            | Date at w hich the last logon<br>found place.                    |
| LAST_NATURAL_KEY        | varchar2(400<br>0) | Last Natural Key             | <input type="checkbox"/>            | Last seen natural key of busi-<br>ness object.                   |

| Name                   | Data Type      | Label                  | Required                            | Documentation  |
|------------------------|----------------|------------------------|-------------------------------------|--|
| LICENSE_CONTRACT_CODE  | varchar2       | License Contract Code  | <input checked="" type="checkbox"/> | License contract code.                                     |
| LICENSE_KEY_IDENTIFIER | varchar2       | License Key Identifier | <input checked="" type="checkbox"/> | License key identifier.                                    |
| LOGGING_LEVEL          | varchar2(30)   | Logging Level          | <input checked="" type="checkbox"/> | Type of logging message.                                   |
| MANAGED_THREAD_ID      | int32          | Managed Thread ID      | <input type="checkbox"/>            | Managed thread ID.   |
| MESSAGE_CODE           | varchar2(30)   | Message Code           | <input type="checkbox"/>            | Code of the message. May not start with 'itgen' or 'bubs'. |
| MESSAGE_UID            | guid           | Message UID            | <input checked="" type="checkbox"/> | Specific UID for easy recognition.                         |
| METRIC_NAME            | varchar2       | Metric Name            | <input type="checkbox"/>            | Name of monitoring metric.                                 |
| METRIC_VALUE           | varchar2       | Metric Value           | <input type="checkbox"/>            | Value of monitoring metric.                                |
| OCCURRENCE_DATE_UTC    | datetime       | Occurrence Date (UTC)  | <input checked="" type="checkbox"/> | UTC date at which the event occurred.                      |
| PARAMETER_VALUES       | varchar2(4000) | Parameter Values       | <input type="checkbox"/>            | Parameter values.  |
| PARTITION              | varchar2(240)  | Partition              | <input type="checkbox"/>            | Specific partition on which the event was registered.      |
| POOL_IDENTITY          | varchar2(60)   | Pool Identity          | <input type="checkbox"/>            | Pool identity.   |
| PROVIDER_INSTANCE_UID  | guid           | Provider Instance UID  | <input type="checkbox"/>            | Unique ID of the provider instance.                        |
| PROVIDER_NAME          | varchar2       | Provider               | <input type="checkbox"/>            | Name of provider.  |
| REFERENCE_KEY          | varchar2       | Reference Key          | <input type="checkbox"/>            | Key of the referenced business object.                     |
| REFERENCE_TABLE_CODE   | varchar2       | Reference Table Code   | <input type="checkbox"/>            | Table code of the referenced business object.              |
| REQUEST_ID             | varchar2(60)   | Request ID             | <input type="checkbox"/>            | Request ID.  |
| SERVICE_NAME           | varchar2       | Service Name           | <input type="checkbox"/>            | Name of service.   |
| SERVICE_STATE          | varchar2       | Service State          | <input type="checkbox"/>            | Status of service (production, acceptance, test).          |
| SESSION_ID             | varchar2(240)  | Session ID             | <input checked="" type="checkbox"/> | ID of the session.   |
| SHOWN_TO_USER          | char           | Shown to User          | <input checked="" type="checkbox"/> | Indicator whether event was shown to the user.             |
| SQL_STATEMENT          | varchar2       | SQL Statement          | <input type="checkbox"/>            | SQL statement.   |
| TASK_ID                | int32          | Task ID                | <input type="checkbox"/>            | Task ID.   |
| UNIT_OF_MEASURE        | varchar2       | Unit of Measure        | <input type="checkbox"/>            | Unit of Measure of value of monitoring metric.             |
| USER_MESSAGE           | varchar2       | User Message           | <input type="checkbox"/>            | Text of the message without message code.                  |

### CALENDAR: Data Dictionary Calendar

Mapping from dates to date-related integers such as year and day in week.

Catalog: DataDictionary

Schema: Invantive

Alias: clr

Label: Calendar

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

## View Columns

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

| Name                      | Data Type | Label                             | Required                            | Documentation   |
|---------------------------|-----------|-----------------------------------|-------------------------------------|---|
| CENTURY_NUMBER            | int32     | Century Number                    | <input checked="" type="checkbox"/> | The number of the century.                              |
| DAY_DATE                  | date      | Day Date                          | <input checked="" type="checkbox"/> | The date of the day.                                    |
| DAY_IN_MONTH              | int32     | Day in Month                      | <input checked="" type="checkbox"/> | The number of the day in the month.                     |
| DAY_IN_WEEK               | int32     | Day in Week                       | <input checked="" type="checkbox"/> | The number of the day in the week.                      |
| DAY_IN_YEAR_NUMBER        | int32     | Day in Year Number                | <input checked="" type="checkbox"/> | The number of the day in the year.                      |
| DAY_SINCE_19000101_NUMBER | int64     | Day Number since January 1, 1900  | <input checked="" type="checkbox"/> | The number of days between 01/01/1900 and the day.      |
| ERA                       | int32     | Era                               | <input checked="" type="checkbox"/> | The era of the century.                                 |
| ID                        | int32     | ID                                | <input checked="" type="checkbox"/> | Unique ID of the day.                                   |
| ISO_WEEK_NUMBER           | int32     | ISO Week Number                   | <input checked="" type="checkbox"/> | The number of the week by ISO.                          |
| ISO_YEAR_NUMBER           | int32     | ISO Year Number                   | <input checked="" type="checkbox"/> | The number of the year by ISO.                          |
| MONTH_NR_DAY1_IN_WEEK     | int32     | Month Number of First Day in Week | <input checked="" type="checkbox"/> | The number of the month on the first day in the week.   |
| MONTH_NR_DAY7_IN_WEEK     | int32     | Month Number of Last Day in Week  | <input checked="" type="checkbox"/> | The number of the month on the seventh day in the week. |
| MONTH_NUMBER              | int32     | Month Number                      | <input checked="" type="checkbox"/> | The number of the month.                                |
| WEEK_NUMBER               | int32     | Week Number                       | <input checked="" type="checkbox"/> | The number of the week.                                 |
| YEAR_NR_DAY1_IN_WEEK      | int32     | Year Number of Day 1 in Week      | <input checked="" type="checkbox"/> | The number of the year on the first day in the week.    |
| YEAR_NR_DAY7_IN_WEEK      | int32     | Year Number of Day 1 in Week      | <input checked="" type="checkbox"/> | The number of the year on the seventh day in the week.  |
| YEAR_NUMBER               | int32     | Year Number                       | <input checked="" type="checkbox"/> | The number of the year.                                 |

### DOUBLE: Data Dictionary Single Row

Table for test cases and value retrieval of singleton SQL functions.

Catalog: DataDictionary

Schema: Invantive

Alias: da1

Primary Keys: DUMMY\_INT32

Label: Single Row

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

## Table Columns

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

| Name                | Data Type    | Label                   | Required                            | Documentation       |
|---------------------|--------------|-------------------------|-------------------------------------|---------------------|
| dummy_blob_null     | blob         |                         | <input type="checkbox"/>            |                     |
| dummy_blob          | blob         | Dummy BLOB              | <input checked="" type="checkbox"/> |                     |
| dummy_bool_null     | boolean      |                         | <input type="checkbox"/>            |                     |
| dummy_bool          | boolean      | Dummy Boolean           | <input checked="" type="checkbox"/> |                     |
| dummy_char_null     | char         |                         | <input type="checkbox"/>            |                     |
| dummy_char          | char         |                         | <input checked="" type="checkbox"/> |                     |
| dummy_date_null     | date         |                         | <input type="checkbox"/>            |                     |
| dummy_date          | date         | Dummy Date              | <input checked="" type="checkbox"/> | A date in UTC.      |
| dummy_datetime_null | datetime     |                         | <input type="checkbox"/>            |                     |
| dummy_datetime      | datetime     | Dummy Date/Time         | <input checked="" type="checkbox"/> | A timestamp in UTC. |
| dummy_decimal_null  | decimal      |                         | <input type="checkbox"/>            |                     |
| dummy_decimal       | decimal      | Dummy Decimal           | <input checked="" type="checkbox"/> |                     |
| dummy_double_above  | double       |                         | <input checked="" type="checkbox"/> |                     |
| dummy_double_below  | double       |                         | <input checked="" type="checkbox"/> |                     |
| dummy_double_null   | double       |                         | <input type="checkbox"/>            |                     |
| dummy_double        | double       | Dummy Double            | <input checked="" type="checkbox"/> |                     |
| dummy_float_null    | float        |                         | <input type="checkbox"/>            |                     |
| dummy_float         | float        | Dummy Float             | <input checked="" type="checkbox"/> |                     |
| dummy_guid_null     | varchar2     |                         | <input type="checkbox"/>            |                     |
| dummy_guid          | varchar2     | Dummy GUID              | <input checked="" type="checkbox"/> |                     |
| dummy_int16_null    | number       |                         | <input type="checkbox"/>            |                     |
| dummy_int16         | int16        | Dummy Integer (16-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_int32_null    | number       |                         | <input type="checkbox"/>            |                     |
| dummy_int32         | int32        | Dummy Integer (32-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_int64_null    | number       |                         | <input type="checkbox"/>            |                     |
| dummy_int64         | int64        | Dummy Integer (64-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_string_int64  | varchar2(20) |                         | <input type="checkbox"/>            |                     |
| dummy_string_null   | varchar2(1)  |                         | <input type="checkbox"/>            |                     |
| dummy_string        | varchar2(1)  | Dummy String            | <input checked="" type="checkbox"/> |                     |
| dummy_uint16        | uint16       | Dummy uint16            | <input checked="" type="checkbox"/> |                     |
| dummy_uint32        | uint32       | Dummy uint32            | <input checked="" type="checkbox"/> |                     |
| dummy_uint64        | uint64       | Dummy uint64            | <input checked="" type="checkbox"/> |                     |

**DUAL: Data Dictionary Single Row**

Table for test cases and value retrieval of singleton SQL functions.

Catalog: DataDictionary

Schema: Invantive

Alias: da1

Primary Keys: DUMMY\_INT32

Label: Single Row

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

**Table Columns**

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

| Name                | Data Type | Label                   | Required                            | Documentation       |
|---------------------|-----------|-------------------------|-------------------------------------|---------------------|
| dummy_blob_null     | blob      |                         | <input type="checkbox"/>            |                     |
| dummy_blob          | blob      | Dummy BLOB              | <input checked="" type="checkbox"/> |                     |
| dummy_bool_null     | boolean   |                         | <input type="checkbox"/>            |                     |
| dummy_bool          | boolean   | Dummy Boolean           | <input checked="" type="checkbox"/> |                     |
| dummy_char_null     | char      |                         | <input type="checkbox"/>            |                     |
| dummy_char          | char      |                         | <input checked="" type="checkbox"/> |                     |
| dummy_date_null     | date      |                         | <input type="checkbox"/>            |                     |
| dummy_date          | date      | Dummy Date              | <input checked="" type="checkbox"/> | A date in UTC.      |
| dummy_datetime_null | datetime  |                         | <input type="checkbox"/>            |                     |
| dummy_datetime      | datetime  | Dummy Date/Time         | <input checked="" type="checkbox"/> | A timestamp in UTC. |
| dummy_decimal_null  | decimal   |                         | <input type="checkbox"/>            |                     |
| dummy_decimal       | decimal   | Dummy Decimal           | <input checked="" type="checkbox"/> |                     |
| dummy_double_above  | double    |                         | <input checked="" type="checkbox"/> |                     |
| dummy_double_below  | double    |                         | <input checked="" type="checkbox"/> |                     |
| dummy_double_null   | double    |                         | <input type="checkbox"/>            |                     |
| dummy_double        | double    | Dummy Double            | <input checked="" type="checkbox"/> |                     |
| dummy_float_null    | float     |                         | <input type="checkbox"/>            |                     |
| dummy_float         | float     | Dummy Float             | <input checked="" type="checkbox"/> |                     |
| dummy_guid_null     | varchar2  |                         | <input type="checkbox"/>            |                     |
| dummy_guid          | varchar2  | Dummy GUID              | <input checked="" type="checkbox"/> |                     |
| dummy_int16_null    | number    |                         | <input type="checkbox"/>            |                     |
| dummy_int16         | int16     | Dummy Integer (16-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_int32_null    | number    |                         | <input type="checkbox"/>            |                     |
| dummy_int32         | int32     | Dummy Integer (32-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_int64_null    | number    |                         | <input type="checkbox"/>            |                     |

| Name               | Data Type    | Label                   | Required                            | Documentation |
|--------------------|--------------|-------------------------|-------------------------------------|---------------|
| dummy_int64        | int64        | Dummy Integer (64-bits) | <input checked="" type="checkbox"/> |               |
| dummy_string_int64 | varchar2(20) |                         | <input type="checkbox"/>            |               |
| dummy_string_null  | varchar2(1)  |                         | <input type="checkbox"/>            |               |
| dummy_string       | varchar2(1)  | Dummy String            | <input checked="" type="checkbox"/> |               |
| dummy_uint16       | uint16       | Dummy uint16            | <input checked="" type="checkbox"/> |               |
| dummy_uint32       | uint32       | Dummy uint32            | <input checked="" type="checkbox"/> |               |
| dummy_uint64       | uint64       | Dummy uint64            | <input checked="" type="checkbox"/> |               |

### EMPTY: Data Dictionary Empty Table

Empty table for test cases.

Catalog: DataDictionary

Schema: Invantive

Alias: `ety`

Primary Keys: DUMMY\_INT32

Label: Empty Table

Can retrieve data and change data using insert, update and delete.

## Table Columns

The columns of the table EMPTY 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 and update.

| Name           | Data Type    | Label                   | Required                            | Documentation       |
|----------------|--------------|-------------------------|-------------------------------------|---------------------|
| dummy_datetime | datetime     | Dummy Date/Time         | <input checked="" type="checkbox"/> | A timestamp in UTC. |
| dummy_decimal  | decimal      | Dummy Decimal           | <input checked="" type="checkbox"/> |                     |
| dummy_double   | double       | Dummy Double            | <input checked="" type="checkbox"/> |                     |
| dummy_guid     | varchar2     | Dummy GUID              | <input checked="" type="checkbox"/> |                     |
| dummy_int32    | number       | Dummy Integer (32-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_int64    | number       | Dummy Integer (64-bits) | <input checked="" type="checkbox"/> |                     |
| dummy_string   | varchar2(30) | Dummy String            | <input checked="" type="checkbox"/> |                     |

### HTTPDOWNLOAD

Catalog: DataDictionary

Schema: Invantive

This is a read-only table function. The Data Dictionary API may not support changing the data or the Invantive UniversalSQL driver for Data Dictionary does not cover it. In the latter case,

please use the table NativePlatformScalarRequests to upload data to the Data Dictionary API.

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function HTTPDOWNLOAD. 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  |
|------------------------------|-----------|--------------------------|---------------|--|
| acceptMimeType               |           | <input type="checkbox"/> |               | OBSOLETE. Value of Accept HTTP request header.                                       |
| basicAuthenticationPassw ord |           | <input type="checkbox"/> |               | Passw ord for basic HTTP authentication.   |
| basicAuthenticationUser      |           | <input type="checkbox"/> |               | User for basic HTTP authentication.  |
| binaryPayload                |           | <input type="checkbox"/> |               | Binary payload to send along. Overruled by text payload when both present.           |
| cacheKey                     |           | <input type="checkbox"/> |               | Value to make the memory and/or disk cache location unique for your type of request. |
| contentType                  |           | <input type="checkbox"/> |               | Value of Content-Type HTTP request header.   |
| cookies                      |           | <input type="checkbox"/> |               | Cookie name and values encoded as an URL query.                                      |
| diskCache                    |           | <input type="checkbox"/> |               | Use HTTP disk cache.   |
| diskCacheMaxAgeSec           |           | <input type="checkbox"/> |               | The maximum age of a HTTP disk cache entry to be valid.                              |
| headers                      |           | <input type="checkbox"/> |               | HTTP request header key/value pairs encoded as an URL query.                         |
| ignoreInvalidCertificate     |           | <input type="checkbox"/> |               | Ignore web certificate errors. Defaults to false.                                    |
| ignoreWebError               |           | <input type="checkbox"/> |               | Ignore web errors. Defaults to false.  |
| method                       |           | <input type="checkbox"/> | GET           | Method.  |
| minimumDurationMs            |           | <input type="checkbox"/> |               | Extend the execution of the HTTP download to take at least this many milliseconds.   |
| postSleepMs                  |           | <input type="checkbox"/> |               | Post-execution delay in milliseconds.  |

| Name        | Data Type | Required                            | Default Value | Documentation   |
|-------------|-----------|-------------------------------------|---------------|---|
| preSleepMs  |           | <input type="checkbox"/>            |               | Pre-execution delay in milliseconds.                                    |
| textPayload |           | <input type="checkbox"/>            |               | Text payload to send along. Overrides binary payload when both present. |
| timeoutMs   |           | <input type="checkbox"/>            | 30000         | Timeout in milliseconds.  |
| url         |           | <input checked="" type="checkbox"/> |               | URL to download.  |
| userAgent   |           | <input type="checkbox"/>            |               | OBSOLETE. Value of User Agent.  |

## Columns of Table Function

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

| Name                             | Data Type | Label                                    | Required                            | Documentation      |
|----------------------------------|-----------|--|-------------------------------------|--------------------|
| BYTES_RETRIEVED                  | int64     | Bytes Retrieved                          | <input checked="" type="checkbox"/> |                    |
| CACHE_CONTROL                    | varchar2  | Cache Control                            | <input type="checkbox"/>            |                    |
| CERTIFICATE_DATE_NOT_AFTER       | date      | Certificate not After                    | <input type="checkbox"/>            |                    |
| CERTIFICATE_DATE_NOT_BEFORE      | date      | Certificate not Before                   | <input type="checkbox"/>            |                    |
| CERTIFICATE_ISSUER               | varchar2  | Certificate Issuer                       | <input type="checkbox"/>            |                    |
| CERTIFICATE_SERIAL_NUMBER        | varchar2  | Certificate Serial Number                | <input type="checkbox"/>            |                    |
| CERTIFICATE_SIGNATURE_ALGORITHM  | varchar2  | Certificate Signature Algorithm          | <input type="checkbox"/>            |                    |
| CERTIFICATE_SUBJECT              | varchar2  | Certificate Subject                      | <input type="checkbox"/>            |                    |
| CONTENT_DISPOSITION              | varchar2  | Content Disposition                      | <input type="checkbox"/>            |                    |
| CONTENTS_BLOB                    | blob      | Binary Contents                          | <input type="checkbox"/>            |                    |
| CONTENTS_CHAR                    | clob      | Character Contents                       | <input type="checkbox"/>            |                    |
| DATE_RETRIEVAL_UTC               | datetime  | Retrieval Date (UTC)                     | <input checked="" type="checkbox"/> |                    |
| DEPTH                            | int32     | Depth                                    | <input checked="" type="checkbox"/> |                    |
| ERROR_MESSAGE_CODE               | varchar2  | Error Code                               | <input type="checkbox"/>            |                    |
| ERROR_MESSAGE_TEXT               | varchar2  | Error Text                               | <input type="checkbox"/>            |                    |
| ETAG                             | varchar2  | ETag                                     | <input type="checkbox"/>            |                    |
| EXPIRES                          | datetime  | Expires                                  | <input type="checkbox"/>            |                    |
| HOST_ON_HSTS_PRELOAD_LIST        | boolean   | Host on HSTS Preload List                | <input type="checkbox"/>            |                    |
| HTTP_STATUS_CODE                 | int32     | HTTP Status Code                         | <input type="checkbox"/>            |                    |
| INCLUDE_INVANTIVE_SOURCE_HEADERS | boolean   | Include Invariant Source Headers         | <input checked="" type="checkbox"/> |                    |
| LAST_MODIFIED                    | datetime  | Last Modified                            | <input type="checkbox"/>            |                    |
| MANAGED_THREAD_ID                | int32     | Managed Thread ID                        | <input type="checkbox"/>            | Managed thread ID. |
| MAX_AUTOMATIC_REDIRECTIONS       | int32     | Maximum Number of Automatic Redirections | <input checked="" type="checkbox"/> |                    |

| Name                                      | Data Type    | Label                                 | Required                            | Documentation |
|---|--------------|---------------------------------------|-------------------------------------|---------------|
| MIME_TYPE                                 | varchar2     | MIME Type                             | <input type="checkbox"/>            |               |
| PARENT_URL                                | varchar2     | Parent URL                            | <input type="checkbox"/>            |               |
| REQUEST_CONTENT_TYPE                      | varchar2     | Request Content Type                  | <input type="checkbox"/>            |               |
| REQUEST_COOKIES                           | varchar2     | Cookies                               | <input type="checkbox"/>            |               |
| REQUEST_HEADERS                           | varchar2     | Request Headers                       | <input type="checkbox"/>            |               |
| REQUEST_ID                                | varchar2(60) | Request ID                            | <input type="checkbox"/>            | Request ID.   |
| REQUEST_METHOD                            | varchar2     | HTTP Request Method                   | <input type="checkbox"/>            |               |
| REQUEST_PAYLOAD_BLOB_LENGTH               | int64        | Request Payload BLOB Length           | <input type="checkbox"/>            |               |
| REQUEST_PAYLOAD_BLOB                      | blob         | Request Payload BLOB                  | <input type="checkbox"/>            |               |
| REQUEST_TIMEOUT_INITIAL_MS                | int64        | Request Timeout Initial (ms)          | <input checked="" type="checkbox"/> |               |
| REQUEST_TIMEOUT_MAX_ON_RETRY_MS           | int64        | Request Timeout Maximum On Retry (ms) | <input checked="" type="checkbox"/> |               |
| RESPONSE_HEADER_AGE                       | int32        | Age                                   | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_CONNECTION                | varchar2     | Connection                            | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_CONTENT_LANGUAGE          | varchar2     | Content Language                      | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_CONTENT_LENGTH            | int64        | Content Length                        | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_CONTENT_MD5               | varchar2     | Content MD5                           | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_CONTENT_SECURITY_POLICY   | varchar2     | Content Security Policy               | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_DATE                      | date         | Date                                  | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_EXPECT_CT                 | varchar2     | Expect CT                             | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_FEATURE_POLICY            | varchar2     | Feature Policy                        | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_KEEP_ALIVE                | varchar2     | Keep Alive                            | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_PERMISSIONS_POLICY        | varchar2     | Permissions Policy                    | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_REFERRER_POLICY           | varchar2     | Referrer Policy                       | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_SERVER                    | varchar2     | Server                                | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_STRICT_TRANSPORT_SECURITY | varchar2     | Strict Transport Security             | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_TRANSFER_ENCODING         | varchar2     | Transfer Encoding                     | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_VIA                       | varchar2     | Via                                   | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X ASPNET MVC_VERSION      | varchar2     | ASP.Net MVC Version (extension)       | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X ASPNET_VERSION          | varchar2     | ASP.Net Version (extension)           | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_CACHE                   | varchar2     | Cache (extension)                     | <input type="checkbox"/>            |               |

| Name                                   | Data Type | Label                            | Required                            | Documentation |
|--|-----------|----------------------------------|-------------------------------------|---------------|
| RESPONSE_HEADER_X_CONTENT_TYPE_OPTIONS | varchar2  | Content Type Options (extension) | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_FRAME_OPTIONS        | varchar2  | Frame Options (extension)        | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_POWERED_BY           | varchar2  | Powered by (extension)           | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_ROBOTS_TAG           | varchar2  | Robots Tag (extension)           | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_XSS_PROTECTION       | varchar2  | XSS Protection (extension)       | <input type="checkbox"/>            |               |
| RETRIEVAL_DURATION_MS                  | int64     | Retrieval Duration (ms)          | <input checked="" type="checkbox"/> |               |
| RETRIEVAL_SUCCESSFUL                   | boolean   | Retrieval is Successful          | <input checked="" type="checkbox"/> |               |
| RETURNED_URL                           | varchar2  | Returned URL                     | <input type="checkbox"/>            |               |
| SOURCE                                 | varchar2  | Data Source                      | <input type="checkbox"/>            |               |
| TASK_ID                                | int32     | Task ID                          | <input type="checkbox"/>            | Task ID.      |
| UID                                    | guid      | UID                              | <input checked="" type="checkbox"/> |               |
| URL                                    | varchar2  | URL                              | <input type="checkbox"/>            |               |
| USER_AGENT                             | varchar2  | HTTP User Agent                  | <input type="checkbox"/>            |               |

### HTTPDOWNLOADCOOKIESHISTORY: Data Dictionary Download Cookies History

History of HTTP download cookies.

Catalog: DataDictionary

Schema: Invantive

Alias: hdc

Primary Keys: SEQ

Label: Download Cookies History

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

### Table Columns

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

| Name         | Data Type | Label   | Required                            | Documentation |
|--------------|-----------|---------|-------------------------------------|---------------|
| COMMENT      | varchar2  | Comment | <input type="checkbox"/>            |               |
| DISCARD      | boolean   | Discard | <input checked="" type="checkbox"/> |               |
| DOMAIN       | varchar2  | Domain  | <input type="checkbox"/>            |               |
| DOWNLOAD_UID | guid      | UID     | <input checked="" type="checkbox"/> |               |
| DOWNLOAD_URL | varchar2  | URL     | <input type="checkbox"/>            |               |
| EXPIRED      | boolean   | Expired | <input checked="" type="checkbox"/> |               |

| Name      | Data Type | Label     | Required                            | Documentation |
|-----------|-----------|-----------|-------------------------------------|---------------|
| EXPIRES   | datetime  | Expires   | <input type="checkbox"/>            |               |
| HTTP_ONLY | boolean   | HTTP Only | <input checked="" type="checkbox"/> |               |
| NAME      | varchar2  | Name      | <input checked="" type="checkbox"/> |               |
| PATH      | varchar2  | Path      | <input type="checkbox"/>            |               |
| SECURE    | boolean   | Secure    | <input checked="" type="checkbox"/> |               |
| TIMESTAMP | datetime  | Timestamp | <input checked="" type="checkbox"/> |               |
| VALUE     | varchar2  | Value     | <input type="checkbox"/>            |               |
| VERSION   | int32     | Version   | <input type="checkbox"/>            |               |

### HTTPDOWNLOADHISTORY: Data Dictionary HTTP Download History

History of HTTP downloads.

Catalog: DataDictionary

Schema: Invantive

Alias: hdy

Primary Keys: SEQ

Label: HTTP Download History

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

### Table Columns

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

| Name                            | Data Type | Label                           | Required                            | Documentation |
|---------------------------------|-----------|---------------------------------|-------------------------------------|---------------|
| BYTES_RETRIEVED                 | int64     | Bytes Retrieved                 | <input checked="" type="checkbox"/> |               |
| CACHE_CONTROL                   | varchar2  | Cache Control                   | <input type="checkbox"/>            |               |
| CERTIFICATE_DATE_NOT_AFTER      | date      | Certificate not After           | <input type="checkbox"/>            |               |
| CERTIFICATE_DATE_NOT_BEFORE     | date      | Certificate not Before          | <input type="checkbox"/>            |               |
| CERTIFICATE_ISSUER              | varchar2  | Certificate Issuer              | <input type="checkbox"/>            |               |
| CERTIFICATE_SERIAL_NUMBER       | varchar2  | Certificate Serial Number       | <input type="checkbox"/>            |               |
| CERTIFICATE_SIGNATURE_ALGORITHM | varchar2  | Certificate Signature Algorithm | <input type="checkbox"/>            |               |
| CERTIFICATE_SUBJECT             | varchar2  | Certificate Subject             | <input type="checkbox"/>            |               |
| CONTENT_DISPOSITION             | varchar2  | Content Disposition             | <input type="checkbox"/>            |               |
| DATE_RETRIEVAL_UTC              | datetime  | Retrieval Date (UTC)            | <input checked="" type="checkbox"/> |               |
| DEPTH                           | int32     | Depth                           | <input checked="" type="checkbox"/> |               |
| ERROR_MESSAGE_CODE              | varchar2  | Error Code                      | <input type="checkbox"/>            |               |
| ERROR_MESSAGE_TEXT              | varchar2  | Error Text                      | <input type="checkbox"/>            |               |
| ETAG                            | varchar2  | ETag                            | <input type="checkbox"/>            |               |

| Name                                      | Data Type    | Label                                    | Required                            | Documentation      |
|---|--------------|--|-------------------------------------|--------------------|
| EXPIRES                                   | datetime     | Expires                                  | <input type="checkbox"/>            |                    |
| HOST_ON_HSTS_PRELOAD_LIST                 | boolean      | Host on HSTS Preload List                | <input type="checkbox"/>            |                    |
| HTTP_STATUS_CODE                          | int32        | HTTP Status Code                         | <input type="checkbox"/>            |                    |
| INCLUDE_INVANTIVE_SOURCE_HEADERS          | boolean      | Include Invariant Source Headers         | <input checked="" type="checkbox"/> |                    |
| LAST_MODIFIED                             | datetime     | Last Modified                            | <input type="checkbox"/>            |                    |
| MANAGED_THREAD_ID                         | int32        | Managed Thread ID                        | <input type="checkbox"/>            | Managed thread ID. |
| MAX_AUTOMATIC_REDIRECTIONS                | int32        | Maximum Number of Automatic Redirections | <input checked="" type="checkbox"/> |                    |
| MIME_TYPE                                 | varchar2     | MIME Type                                | <input type="checkbox"/>            |                    |
| PARENT_URL                                | varchar2     | Parent URL                               | <input type="checkbox"/>            |                    |
| REQUEST_CONTENT_TYPE                      | varchar2     | Request Content Type                     | <input type="checkbox"/>            |                    |
| REQUEST_COOKIES                           | varchar2     | Cookies                                  | <input type="checkbox"/>            |                    |
| REQUEST_HEADERS                           | varchar2     | Request Headers                          | <input type="checkbox"/>            |                    |
| REQUEST_ID                                | varchar2(60) | Request ID                               | <input type="checkbox"/>            | Request ID.        |
| REQUEST_METHOD                            | varchar2     | HTTP Request Method                      | <input checked="" type="checkbox"/> |                    |
| REQUEST_PAYLOAD_BLOB_LENGTH               | int64        | Request Payload BLOB Length              | <input type="checkbox"/>            |                    |
| REQUEST_TIMEOUT_INITIAL_MS                | int64        | Request Timeout Initial (ms)             | <input checked="" type="checkbox"/> |                    |
| REQUEST_TIMEOUT_MAX_ON_RETRY_MS           | int64        | Request Timeout Maximum On Retry (ms)    | <input checked="" type="checkbox"/> |                    |
| RESPONSE_HEADER_AGE                       | int32        | Age                                      | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_CONNECTION                | varchar2     | Connection                               | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_CONTENT_LANGUAGE          | varchar2     | Content Language                         | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_CONTENT_LENGTH            | int64        | Content Length                           | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_CONTENT_MD5               | varchar2     | Content MD5                              | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_CONTENT_SECURITY_POLICY   | varchar2     | Content Security Policy                  | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_DATE                      | date         | Date                                     | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_EXPECT_CT                 | varchar2     | Expect CT                                | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_FEATURE_POLICY            | varchar2     | Feature Policy                           | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_KEEP_ALIVE                | varchar2     | Keep Alive                               | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_PERMISSIONS_POLICY        | varchar2     | Permissions Policy                       | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_REFERRER_POLICY           | varchar2     | Referrer Policy                          | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_SERVER                    | varchar2     | Server                                   | <input type="checkbox"/>            |                    |
| RESPONSE_HEADER_STRICT_TRANSPORT_SECURITY | varchar2     | Strict Transport Security                | <input type="checkbox"/>            |                    |

| Name                                   | Data Type | Label                            | Required                            | Documentation |
|--|-----------|----------------------------------|-------------------------------------|---------------|
| RESPONSE_HEADER_TRANSFER_ENCODING      | varchar2  | Transfer Encoding                | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_VIA                    | varchar2  | Via                              | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_ASPNET_MVC_VERSION   | varchar2  | ASP.Net MVC Version (extension)  | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_ASPNET_VERSION       | varchar2  | ASP.Net Version (extension)      | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_CACHE                | varchar2  | Cache (extension)                | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_CONTENT_TYPE_OPTIONS | varchar2  | Content Type Options (extension) | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_FRAME_OPTIONS        | varchar2  | Frame Options (extension)        | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_POWERED_BY           | varchar2  | Powered by (extension)           | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_ROBOTS_TAG           | varchar2  | Robots Tag (extension)           | <input type="checkbox"/>            |               |
| RESPONSE_HEADER_X_XSS_PROTECTION       | varchar2  | XSS Protection (extension)       | <input type="checkbox"/>            |               |
| RETRIEVAL_DURATION_MS                  | int64     | Retrieval Duration (ms)          | <input checked="" type="checkbox"/> |               |
| RETRIEVAL_SUCCESSFUL                   | boolean   | Retrieval is Successful          | <input checked="" type="checkbox"/> |               |
| RETURNED_URL                           | varchar2  | Returned URL                     | <input type="checkbox"/>            |               |
| SOURCE                                 | varchar2  | Data Source                      | <input checked="" type="checkbox"/> |               |
| TASK_ID                                | int32     | Task ID                          | <input type="checkbox"/>            | Task ID.      |
| UID                                    | guid      | UID                              | <input checked="" type="checkbox"/> |               |
| URL                                    | varchar2  | URL                              | <input checked="" type="checkbox"/> |               |
| USER_AGENT                             | varchar2  | HTTP User Agent                  | <input type="checkbox"/>            |               |

### PERFORMANCEMEASUREMENTSLIVE: Data Dictionary Live Performance Measurements

Live executed performance benchmarks on currently active data containers.

Catalog: DataDictionary

Schema: Invantive

Alias: pme

Label: Live Performance Measurements

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

### Parameters of Table Function

The following parameters can be used to control the behaviour of the table function PERFORMANCEMEASUREMENTSLIVE. 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 execu-

tion 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 |
|------------------|-----------|-------------------------------------|---------------|---------------|
| max_duration_sec | number    | <input checked="" type="checkbox"/> |               |               |
| max_tests        | number    | <input checked="" type="checkbox"/> |               |               |
| sample_size      | number    | <input checked="" type="checkbox"/> |               |               |

## Columns of Table Function

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

| Name                          | Data Type       | Label                 | Required                            | Documentation  |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| CATALOG                       | varchar2        | Catalog               |                                     | Catalog where the tables are contained in.                 |
| DURATION_MS                   | int64           | Duration              |                                     | Duration in milliseconds of the I/O.                       |
| ERROR_MESSAGE                 | varchar2        | Error Message         |                                     | Error message that occurred during executing the I/O.      |
| EXECUTION_DATE_UTC            | datetime        | Execution Date        |                                     | Date at which the I/O was executed (UTC).                  |
| ID                            | int32           | ID                    |                                     | Unique ID of the property.                                 |
| PARTITIONS                    | varchar2        | Partitions            |                                     | Partitions on which the I/O was executed.                  |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                                      |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                                      |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                        |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                                      |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                                       |
| ROW_COUNT                     | int64           | Rows                  |                                     | Number of rows exchanged.                                  |
| SCHEMA                        | varchar2        | Schema                |                                     | Schema within the catalog where the table is contained in. |
| SUCCESSFUL                    | char            | Successful            |                                     | Indicator whether the I/O completed successfully.          |

| Name       | Data Type | Label      | Required | Documentation      |
|------------|-----------|------------|----------|--------------------|
| TABLE_NAME | varchar2  | Table Name |          | Name of the table. |

### RANGE: Data Dictionary Number Generator

Generator for a range of numbers.

Catalog: DataDictionary

Schema: Invantive

Alias: rge

Label: Number Generator

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

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function RANGE. 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                                     |
|----------------|-----------|-------------------------------------|---------------|---|
| count          | number    | <input checked="" type="checkbox"/> |               | Number of values to generate.                     |
| first          | number    | <input type="checkbox"/>            | 1             | First value in the range to generate.             |
| intervalMs     | number    | <input type="checkbox"/>            | 0             | Interval in milliseconds between individual rows. |
| postDelayMs    | number    | <input type="checkbox"/>            | 0             | Delay in milliseconds after the last row.         |
| preDelayMs     | number    | <input type="checkbox"/>            | 0             | Delay in milliseconds before the first row.       |
| randomBlobSize | number    | <input type="checkbox"/>            | 0             | Size of the random blob in bytes.                 |
| stepSize       | number    | <input type="checkbox"/>            | 1             | Step size between two generated values.           |

## Columns of Table Function

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

| Name               | Data Type | Label                | Required                            | Documentation                               |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at which the row was generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB with random contents.                  |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                            |

### SESSIONIOS: Data Dictionary Session I/Os

Individual I/Os executed by Invantive's UniversalSQL engine on the data containers during the execution of SQL statements and their statistics.

Catalog: DataDictionary

Schema: Invantive

Alias: sio

Label: Session I/Os

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

## View Columns

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

| Name                     | Data Type      | Label                    | Required                            | Documentation                                     |
|--------------------------|----------------|--------------------------|-------------------------------------|---|
| ACTION                   | varchar2       | Action                   | <input checked="" type="checkbox"/> | Action, being either 'READ' or 'WRITE'.           |
| BILLING_ID               | varchar2       | Billing ID               | <input type="checkbox"/>            | ID for billing.                                   |
| BILLING_POOL_IDENTITY_ID | varchar2       | Billing Pool Identity ID | <input type="checkbox"/>            | Pool identity ID for billing.                     |
| BILLING_REFERENCE        | varchar2       | Billing Reference        | <input type="checkbox"/>            | Reference for billing, such as your cost centers. |
| BYTES_RECEIVED           | int64          | Bytes Received           | <input checked="" type="checkbox"/> | Number of bytes received.                         |
| BYTES_SENT               | int64          | Bytes Sent               | <input checked="" type="checkbox"/> | Number of bytes sent.                             |
| CACHE_ID                 | varchar2(1024) | Cache ID                 | <input type="checkbox"/>            | Cache ID.   |
| CALL_SAFE_NAME           | varchar2       | Call Safe Name           | <input type="checkbox"/>            | Call safe name of the object.                     |
| CLIENT_ID                | varchar2(240)  | Client ID                | <input type="checkbox"/>            | Client ID.  |
| DATA_CONTAINER_ALIAS     | varchar2(240)  | Data Container Alias     | <input type="checkbox"/>            | Alias of the data container.                      |
| DATA_CONTAINER_ID        | varchar2       | Data Container ID        | <input checked="" type="checkbox"/> | ID of the data container.                         |
| DURATION_CPU_MS          | int32          | CPU Duration             | <input checked="" type="checkbox"/> | CPU duration in milliseconds of the I/O.          |
| DURATION_IO_MS           | int32          | I/O Duration             | <input checked="" type="checkbox"/> | I/O duration in milliseconds of the I/O.          |
| DURATION_MS              | int32          | Duration                 | <input checked="" type="checkbox"/> | Duration in milliseconds of the I/O.              |

| Name                       | Data Type     | Label                         | Required                            | Documentation   |
|----------------------------|---------------|-------------------------------|-------------------------------------|---|
| DURATION_SLEEP_MS          | int32         | Sleep Duration                | <input checked="" type="checkbox"/> | Sleep duration in milliseconds of the I/O.                                |
| ERROR_MESSAGE_CODE         | varchar2      | Error Message Code            | <input type="checkbox"/>            | Error message code that occurred during executing the I/O.                |
| ERROR_MESSAGE              | varchar2      | Error Message                 | <input type="checkbox"/>            | Error message that occurred during executing the I/O.                     |
| EXECUTION_END_DATE_UTC     | datetime      | Execution End Date            | <input checked="" type="checkbox"/> | Date at which the I/O was ended (UTC).                                    |
| EXECUTION_ID               | guid          | Execution ID                  | <input type="checkbox"/>            | ID of the SQL execution.  |
| EXECUTION_START_DATE_UTC   | datetime      | Execution Start Date          | <input checked="" type="checkbox"/> | Date at which the I/O was started (UTC).                                  |
| EXECUTION_STEP_ID          | int64         | SQL Execution Step ID         | <input type="checkbox"/>            | ID of the SQL execution step.   |
| FORWARDED_CUSTOMER_SERVICE | char          | Forwarded to Customer Service | <input checked="" type="checkbox"/> | Indicator whether session I/O was forwarded.                              |
| FROM_APPLICATION_CACHE     | char          | From Application Cache        | <input checked="" type="checkbox"/> | Indicator whether the data was retrieved from application-specific cache. |
| FROM_CACHE                 | char          | From Cache                    | <input checked="" type="checkbox"/> | Indicator whether the data was retrieved from any cache.                  |
| FROM_DISK_CACHE            | char          | From Disk Cache               | <input checked="" type="checkbox"/> | Indicator whether the data was retrieved from disk cache.                 |
| FROM_MEMORY_CACHE          | char          | From Memory Cache             | <input checked="" type="checkbox"/> | Indicator whether the data was retrieved from memory cache.               |
| GUI_ACTION                 | varchar2(240) | GUI Action                    | <input type="checkbox"/>            | Action performed within the user interface.                               |
| GUI_MODULE_NAME            | varchar2(240) | GUI Module Name               | <input type="checkbox"/>            | Module within the GUI application currently running.                      |
| GUI_MODULE_VERSION         | varchar2(240) | GUI Module Version            | <input type="checkbox"/>            | Version of module within the GUI application currently running.           |
| ID                         | int64         | ID                            | <input checked="" type="checkbox"/> | Unique ID of the property.  |
| IID                        | varchar2      | IID                           | <input type="checkbox"/>            | Invariant installation ID.  |
| IUID                       | varchar2      | IUID                          | <input type="checkbox"/>            | Invariant user ID.  |
| LICENSE_CONTRACT_CODE      | varchar2      | License Contract Code         | <input type="checkbox"/>            | License contract code.  |
| LICENSE_KEY_IDENTIFIER     | varchar2      | License Key Identifier        | <input type="checkbox"/>            | License key identifier.   |
| MANAGED_THREAD_ID          | int32         | Managed Thread ID             | <input type="checkbox"/>            | Managed thread ID.  |
| PARAMETER_LIST             | varchar2      | Parameter List                | <input type="checkbox"/>            | Parameters.   |
| PARTITION                  | varchar2      | Partition                     | <input type="checkbox"/>            | Specific partition on which the I/O was executed.                         |
| POOL_IDENTITY              | varchar2(60)  | Pool Identity                 | <input type="checkbox"/>            | Pool identity.  |
| PROCESS_ID                 | uint32        | Process ID                    | <input type="checkbox"/>            | Process ID.   |
| PROVIDER_INSTANCE_UID      | guid          | Provider Instance UID         | <input type="checkbox"/>            | Unique ID of the provider instance.                                       |
| PROVIDER_NAME              | varchar2      | Provider                      | <input checked="" type="checkbox"/> | Name of provider.   |
| PUBLIC_QUERY_PARAMETERS    | varchar2      | Public Query Parameters       | <input type="checkbox"/>            | Parameters added to the platform query.                                   |
| RECURSION_LEVEL            | int32         | Recursion Level               | <input checked="" type="checkbox"/> | Recursion level.  |

| Name                   | Data Type      | Label                  | Required                            | Documentation  |
|------------------------|----------------|------------------------|-------------------------------------|--|
| REMOTE_CORRELATION_IDS | varchar2(1024) | Remote Correlation IDs | <input type="checkbox"/>            | Remote correlation IDs as a comma-separated list of key, colon, space and value. |
| REQUEST_ID             | varchar2(60)   | Request ID             | <input type="checkbox"/>            | Request ID.  |
| ROUND_TRIPS            | int32          | Round Trips            | <input checked="" type="checkbox"/> | Number of round trips.   |
| ROW_COUNT              | int64          | Row s                  | <input type="checkbox"/>            | Number of row s exchanged.   |
| SESSION_ID             | varchar2(240)  | Session ID             | <input checked="" type="checkbox"/> | ID of the session.   |
| STATEMENT_ID           | guid           | SQL Statement ID       | <input type="checkbox"/>            | ID of the SQL statement.   |
| SUCCESSFUL             | char           | Successful             | <input checked="" type="checkbox"/> | Indicator w hether the I/O completed successfully.                               |
| TASK_ID                | int32          | Task ID                | <input type="checkbox"/>            | Task ID.   |
| UID                    | guid           | UID                    | <input checked="" type="checkbox"/> | Unique ID of the property.   |
| URL                    | varchar2       | URL                    | <input type="checkbox"/>            | Address being accessed.  |

### SESSIONROWSCHANGED: Data Dictionary Rows Changed in Session

Audit of rows changed in a session.

Catalog: DataDictionary

Schema: Invantive

Alias: `srd`

Label: Rows Changed in Session

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

### View Columns

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

| Name               | Data Type    | Label         | Required | Documentation  |
|--------------------|--------------|---------------|----------|--|
| COLUMN_1           | varchar2     | Column 1      |          | Name of the first column being updated.                  |
| DURATION_MS        | int64        | Duration      |          | Duration in milliseconds of the change.                  |
| ERROR_MESSAGE      | varchar2     | Error Message |          | Error message that occurred during executing the change. |
| EXECUTION_DATE_UTC | datetime     | Creation Date |          | Date at w hich the change w as executed (UTC).           |
| ID                 | int32        | ID            |          | Unique ID of the change.                                 |
| NEW_VALUE_TEXT_1   | varchar2     | New Value 1   |          | New value of the first column.                           |
| OLD_VALUE_TEXT_1   | varchar2     | Old Value 1   |          | Old value of the first column.                           |
| PARTITION          | varchar2(30) | Partition     |          | Specific partition on w hich the change w as executed.   |

| Name                          | Data Type       | Label                 | Required                            | Documentation  |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                                |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                                   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                                |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                  |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                                |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                                 |
| SQL_REVERT                    | varchar2        | SQL Revert            |                                     | SQL statement to revert all columns changed.         |
| SUCCESSFUL                    | char            | Successful            |                                     | Indicator whether the change completed successfully. |
| TABLE_NAME                    | varchar2(240)   | Table Name            |                                     | Name of the table or view .                          |
| TXN_ID                        | int64           | Transaction ID        |                                     | Transaction ID of the change.                        |
| UNIQUE_KEY_1                  | varchar2        | Unique Key 1          |                                     | Value of the first column of the unique key.         |
| UNIQUE_KEY_2                  | varchar2        | Unique Key 2          |                                     | Value of the second column of the unique key.        |
| UNIQUE_KEY_3                  | varchar2        | Unique Key 3          |                                     | Value of the third column of the unique key.         |
| UNIQUE_KEY_4                  | varchar2        | Unique Key 4          |                                     | Value of the fourth column of the unique key.        |
| UNIQUE_KEY_5                  | varchar2        | Unique Key 5          |                                     | Value of the fifth column of the unique key.         |
| UNIQUE_KEY_6                  | varchar2        | Unique Key 6          |                                     | Value of the sixth column of the unique key.         |

### SYSTEMANONYMIZATIONMAPS: Data Dictionary Anonymization Maps

Used translation maps of values into anonymized values, consisting of pre-defined and custom maps.

Catalog: DataDictionary

Schema: Invantive

Alias: amp

Label: Anonymization Maps

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

### View Columns

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

| Name                     | Data Type | Label                    | Required                            | Documentation  |
|--------------------------|-----------|--------------------------|-------------------------------------|--|
| CODE                     | varchar2  | Code                     |                                     | Code of the anonymization map.   |
| DESCRIPTION              | varchar2  | Description              |                                     | Description of the anonymization map.  |
| DURATION_MAX_TICKS       | int64     | Maximum Duration (ticks) | <input type="checkbox"/>            | Maximum duration in ticks of the anonymization (10,000 ticks is 1 ms).                             |
| DURATION_MIN_TICKS       | int64     | Minimum Duration (ticks) | <input type="checkbox"/>            | Minimum duration in ticks of the anonymization (10,000 ticks is 1 ms).                             |
| DURATION_TOTAL_TICKS     | int64     | Total Duration (ticks)   | <input checked="" type="checkbox"/> | Total duration in ticks of the anonymization (10,000 ticks is 1 ms).                               |
| NUMBER_OF_ANONYMIZATIONS | int32     | Number of Anonymizations | <input checked="" type="checkbox"/> | Number of anonymizations.  |
| NUMBER_OF_MAPPINGS       | int32     | Number of Mappings       | <input checked="" type="checkbox"/> | Number of mappings.  |
| NUMBER_OF_RETRIES        | int32     | Number of Retries        | <input checked="" type="checkbox"/> | Number of retries during generation of anonymous value since the generated value was already used. |
| TYPE                     | varchar2  | Data Type                | <input checked="" type="checkbox"/> | Data type.   |

### SYSTEMANONYMIZATIONMAPVALUES: Data Dictionary Anonymization Map Values

Values and their translated value for translation maps used.

Catalog: DataDictionary

Schema: Invantive

Alias: ame

Label: Anonymization Map Values

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

### View Columns

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

| Name               | Data Type | Label                    | Required                            | Documentation  |
|--------------------|-----------|--------------------------|-------------------------------------|--|
| ANONYMIZED_VALUE   | varchar2  | Anonymized Value         | <input type="checkbox"/>            | Anonymized value belonging 1:1 to original value in this map.          |
| CODE               | varchar2  | Code                     | <input checked="" type="checkbox"/> | Code of the anonymization map.   |
| DESCRIPTION        | varchar2  | Description              | <input checked="" type="checkbox"/> | Description of the anonymization map.                                  |
| DURATION_MAX_TICKS | int64     | Maximum Duration (ticks) | <input type="checkbox"/>            | Maximum duration in ticks of the anonymization (10,000 ticks is 1 ms). |
| DURATION_MIN_TICKS | int64     | Minimum Duration (ticks) | <input type="checkbox"/>            | Minimum duration in ticks of the anonymization (10,000 ticks is 1      |

| Name                     | Data Type | Label                    | Required                            | Documentation  |
|--------------------------|-----------|--------------------------|-------------------------------------|--|
|                          |           |                          |                                     | ms).   |
| DURATION_TOTAL_TICKS     | int64     | Total Duration (ticks)   | <input checked="" type="checkbox"/> | Total duration in ticks of the anonymization (10,000 ticks is 1 ms).                               |
| NUMBER_OF_ANONYMIZATIONS | int32     | Number of Anonymizations | <input checked="" type="checkbox"/> | Number of anonymizations.  |
| NUMBER_OF_MAPPINGS       | int32     | Number of Mappings       | <input checked="" type="checkbox"/> | Number of mappings.  |
| NUMBER_OF_RETRIES        | int32     | Number of Retries        | <input checked="" type="checkbox"/> | Number of retries during generation of anonymous value since the generated value was already used. |
| ORIGINAL_VALUE           | varchar2  | Original Value           | <input type="checkbox"/>            | Original value (represented as string).  |
| TYPE                     | varchar2  | Data Type                | <input checked="" type="checkbox"/> | Data type.   |

### SYSTEMANONYMIZATIONPREDEFINEDMAPS: Data Dictionary Anonymization Predefined Maps

Pre-defined translation maps of values into anonymized values.

Catalog: DataDictionary

Schema: Invantive

Alias: app

Label: Anonymization Predefined Maps

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

### View Columns

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

| Name        | Data Type | Label       | Required                            | Documentation                         |
|-------------|-----------|-------------|-------------------------------------|---------------------------------------|
| CODE        | varchar2  | Code        | <input checked="" type="checkbox"/> | Code of the anonymization map.        |
| DESCRIPTION | varchar2  | Description | <input checked="" type="checkbox"/> | Description of the anonymization map. |
| TYPE        | varchar2  | Data Type   | <input checked="" type="checkbox"/> | Data type.                            |

### SYSTEMCATALOGS: Data Dictionary Catalogs

Catalogs per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: ctg

Label: Catalogs

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

## View Columns

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

| Name                          | Data Type       | Label                 | Required                            | Documentation                              |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| NAME                          | varchar2        | Catalog               |                                     | Catalog where the tables are contained in. |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                      |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                         |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                      |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.        |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                      |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                       |

### SYSTEMCOUNTRIES: Data Dictionary Countries

Countries.

Catalog: DataDictionary

Schema: Invantive

Alias: cty

Label: Countries

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

## View Columns

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

| Name                | Data Type    | Label               | Required                            | Documentation   |
|---------------------|--------------|---------------------|-------------------------------------|---|
| CALLING_CODE        | varchar2(30) | Calling Code        | <input type="checkbox"/>            | Calling code.   |
| DIALING_PLAN_PREFIX | varchar2(30) | Dialing Plan Prefix | <input type="checkbox"/>            | Dialing plan prefix.  |
| IBAN_ACCOUNT_LENGTH | uint16       | IBAN Account Length | <input type="checkbox"/>            | Length of the IBAN-accounts.  |
| IS_EU_MEMBER        | boolean      | Is EU Member        | <input checked="" type="checkbox"/> | Whether the country is a member state of the European Union.                      |
| IS_SEPA_MEMBER      | boolean      | Is SEPA Member      | <input checked="" type="checkbox"/> | Whether the country is a member state of the Single European Payment Area (SEPA). |

| Name                 | Data Type     | Label                | Required                            | Documentation  |
|----------------------|---------------|----------------------|-------------------------------------|--|
| IS_SERVICE_AREA      | boolean       | Is Service Area      | <input checked="" type="checkbox"/> | Whether the country is within the Invariant service area.          |
| ISO_CODE             | varchar2(2)   | ISO Code             | <input checked="" type="checkbox"/> | ISO code.  |
| NAME                 | varchar2(240) | Name                 | <input checked="" type="checkbox"/> | Name in English.   |
| RESOURCE_CODE        | varchar2(60)  | Resource Code        | <input checked="" type="checkbox"/> | Code of the resource for the country name.                         |
| SINGLE_LANGUAGE_CODE | varchar2(30)  | Single-Language Code | <input type="checkbox"/>            | ISO code of the language when there is only one official language. |
| TIMEZONE_OFFSETS     | varchar2(240) | Time Zone Offsets    | <input checked="" type="checkbox"/> | Timezone offsets used in the country.                              |
| TOP_LEVEL_DOMAIN     | varchar2(30)  | Top-level Domain     | <input type="checkbox"/>            | Top-level domain.  |

### SYSTEMDATABASES: Data Dictionary Databases

Database information.

Catalog: DataDictionary

Schema: Invariant

Alias: dbe

Label: Databases

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

### View Columns

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

| Name                | Data Type      | Label               | Required                            | Documentation  |
|---------------------|----------------|---------------------|-------------------------------------|--|
| ALLOWS_SQL_TRACE    | boolean        | Allows SQL Trace    | <input type="checkbox"/>            | Whether the database allows SQL trace.               |
| AUTHENTICATION_MODE | varchar2(30)   | Authentication Mode | <input type="checkbox"/>            | Mode to authenticate using.                          |
| COMMENT             | varchar2(1000) | Comment             | <input type="checkbox"/>            | Comment of the database.                             |
| CREATED_BY          | varchar2(240)  | Created by          | <input type="checkbox"/>            | Whom created the database definition.                |
| CREATED_ON          | varchar2(240)  | Created on          | <input type="checkbox"/>            | On what device the database definition was created.  |
| CREATION_DATE_UTC   | datetime       | Creation Date (UTC) | <input type="checkbox"/>            | Moment at which the database definition was created. |
| DATABASE_NAME       | varchar2(240)  | Database            | <input checked="" type="checkbox"/> | Name of the database.                                |
| DESCRIPTION         | varchar2(1000) | Description         | <input type="checkbox"/>            | Description of the database.                         |
| DUMMY               | char(1)        | Dummy               | <input checked="" type="checkbox"/> | Dummy column.  |

| Name                                  | Data Type     | Label                                 | Required                            | Documentation  |
|---------------------------------------|---------------|---------------------------------------|-------------------------------------|--|
| FORCE_NATIVE                          | boolean       | Force Native                          | <input checked="" type="checkbox"/> | Whether to force a native connection instead of using Invariantive SQL.                            |
| FULL_NAME                             | varchar2(240) | Full Name                             | <input checked="" type="checkbox"/> | Full name of the database.   |
| GROUP_NAME                            | varchar2(240) | Group Name                            | <input checked="" type="checkbox"/> | Name of the database group.  |
| HAS_DATA_CACHE_CONNECTION_STRING      | boolean       | Has Data Cache Connection String      | <input checked="" type="checkbox"/> | Whether the database uses Data Cache or Data Replicator.   |
| HAS_DATA_DICTIONARY_CONNECTION_STRING | boolean       | Has Data Dictionary Connection String | <input checked="" type="checkbox"/> | Whether the database uses a connection string to store persistent elements of the Data Dictionary. |
| ID                                    | guid          | ID                                    | <input checked="" type="checkbox"/> | Unique ID.   |
| IS_DISTRIBUTED                        | boolean       | Is Distributed                        | <input checked="" type="checkbox"/> | Whether the database is distributed.   |
| IS_STARRED                            | boolean       | Is Starred                            | <input type="checkbox"/>            | Whether the database definition is starred as a favorite.  |
| LAST_AUTHENTICATION_TIME_UTC          | datetime      | Last Authentication Time              | <input checked="" type="checkbox"/> | Moment at which the authentication completed last.   |
| MANUALLY_ADAPTED                      | boolean       | Manually Adapted                      | <input checked="" type="checkbox"/> | Whether the database definition was manually adapted.  |
| REGISTRATION_MOMENT_UTC               | datetime      | Registration Moment                   | <input type="checkbox"/>            | Moment at which the database was registered in the working memory.                                 |
| REMOTE_AUTHENTICATION_MODE            | varchar2(30)  | Remote Authentication Mode            | <input type="checkbox"/>            | Remote mode to authenticate using.   |
| REQUIRES_INVANTIVE_SQL                | boolean       | Requires Invariantive UniversalSQL    | <input checked="" type="checkbox"/> | Whether the database requires use of Invariantive SQL.   |
| SETTINGS_FILE_LAST_MODIFIED_UTC       | datetime      | Settings File Last Modified           | <input type="checkbox"/>            | Moment at which the settings file was last modified.   |
| SETTINGS_FILE_NAME_PATH               | varchar2(240) | Settings File Name Path               | <input type="checkbox"/>            | Name and path of the settings.xml file.  |
| SHORT_DESCRIPTION                     | varchar2(240) | Short Description                     | <input type="checkbox"/>            | Short description of the database.   |
| SORTING_ORDER                         | int32         | Sort Order                            | <input checked="" type="checkbox"/> | Sorting order of the database within the group.  |

### SYSTEMDATACONTAINERATTRIBUTES: Data Dictionary Data Container Attributes and Their Values

Attributes and their current values per active data container.

Catalog: DataDictionary

Schema: Invariantive

Alias: dce

Label: Data Container Attributes and Their Values

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

## View Columns

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

| Name                             | Data Type       | Label                            | Required                            | Documentation  |
|----------------------------------|-----------------|----------------------------------|-------------------------------------|--|
| ALLOW_DISPLAY                    | char            | Allow Display                    |                                     | Whether to allow displaying the value.                     |
| ALLOW_SET_FROM_CONNECTION_STRING | char            | Allow Set from Connection String |                                     | Whether to allow setting the value from connection string. |
| ALLOW_SET_FROM_LOG_ON            | char            | Allow Set from Log On            |                                     | Whether to allow setting the value from log on window .    |
| ALLOW_SET_FROM_PROVIDER_FILE     | char            | Allow Set from Provider File     |                                     | Whether to allow setting the value from provider file.     |
| ALLOW_SET_FROM_SET_STATEMENT     | char            | Allow Set from Set Statement     |                                     | Whether to allow setting the value from set SQL statement. |
| CODE                             | varchar2(240)   | Code                             | <input checked="" type="checkbox"/> | Code of the attribute.                                     |
| DEFAULT_VALUE                    | varchar2(4000)  | Default Value                    | <input type="checkbox"/>            | Default value of the property.                             |
| DESCRIPTION                      | varchar2(4000)  | Description                      | <input checked="" type="checkbox"/> | Description of the attribute.                              |
| HAS_GETTER                       | char            | Has Getter                       |                                     | Whether the attribute has a get method.                    |
| HAS_SETTER                       | char            | Has Setter                       |                                     | Whether the attribute has a set method.                    |
| OBSOLETE                         | char            | Obsoleted                        |                                     | Whether the attribute is obsoleted.                        |
| ORIGIN                           | varchar2(4000)  | Origin                           | <input checked="" type="checkbox"/> | Origin of the current value of the property.               |
| PROVIDER_DATA_CONTAINER_ALIAS    | varchar2(4000)  | Data Container Alias             | <input type="checkbox"/>            | Data container alias.                                      |
| PROVIDER_DATA_CONTAINER_ID       | varchar2(4000)  | Data Container ID                | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION             | varchar2(16000) | Provider Description             | <input checked="" type="checkbox"/> | Provider description.                                      |
| PROVIDER_INSTANCE_UID            | guid            | Provider Instance UID            | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                        |
| PROVIDER_NAME                    | varchar2(240)   | Provider Name                    | <input checked="" type="checkbox"/> | Name of the provider.                                      |
| PROVIDER_SHORT_NAME              | varchar2(240)   | Provider Short Name              | <input checked="" type="checkbox"/> | Provider short name.                                       |
| VALUE                            | varchar2(4000)  | Value                            | <input type="checkbox"/>            | Current value of the property.                             |

### SYSTEMDATACONTAINERHTTPCACHECONTENTS: Data Dictionary System Data Container HTTP Cache Contents

Cached results of HTTP calls executed by providers.

Catalog: DataDictionary

Schema: Invantive

Alias: dct

Label: System Data Container HTTP Cache Contents

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

## View Columns

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

| Name                                    | Data Type        | Label                                     | Required                            | Documentation  |
|---|------------------|---|-------------------------------------|--|
| CACHE_FIRST_HIT_UTC                     | datetime         | Cache First Hit                           |                                     | Date at which the cache entry was first hit (UTC).               |
| CACHE_HITS_PER_HOUR                     | int32            | Cache Hits per Hour                       |                                     | Number of times per hour the cache entry is used since creation. |
| CACHE_HITS                              | int32            | Cache Hits                                |                                     | Number of times the cache entry was used after initial storage.  |
| CACHE_KEY                               | varchar2(4000)   | Cache Key                                 | <input checked="" type="checkbox"/> | Unique key.  |
| CACHE_LAST_HIT_UTC                      | datetime         | Cache Last Hit                            |                                     | Date at which the cache entry was last hit (UTC).                |
| CREATED_UTC                             | datetime         | Created                                   |                                     | Date at which the cache entry was created (UTC).                 |
| HTTP_METHOD                             | varchar2(30)     | HTTP Method                               | <input checked="" type="checkbox"/> | HTTP method.   |
| HTTP_REQUEST_BODY_GZIPPED_LENGTH        | int64            | HTTP Request Body Gzipped Length (Bytes)  |                                     | Number of bytes in the gzipped text request body.                |
| HTTP_REQUEST_BODY_GZIPPED               | blob             | HTTP Request Body (GZipped)               | <input type="checkbox"/>            | HTTP request body as gzipped contents.                           |
| HTTP_REQUEST_BODY_LENGTH                | int64            | HTTP Request Body Length                  |                                     | Number of characters in the text request body.                   |
| HTTP_REQUEST_BODY                       | varchar2(100000) | HTTP Request Body                         | <input type="checkbox"/>            | HTTP request body.   |
| HTTP_RESPONSE_BODY_BINARY               | blob             | HTTP Response Body (Binary)               | <input type="checkbox"/>            | HTTP response body as binary contents.                           |
| HTTP_RESPONSE_BODY_BYTES_GZIPPED_LENGTH | int64            | HTTP Response Body Gzipped Length (Bytes) |                                     | Number of bytes in the gzipped binary response body.             |
| HTTP_RESPONSE_BODY_BYTES_LENGTH         | int64            | HTTP Response Body Length (Bytes)         |                                     | Number of bytes in the binary response body bytes.               |
| HTTP_RESPONSE_BODY_GZIPPED_LENGTH       | int64            | HTTP Response Body Gzipped Length (Bytes) |                                     | Number of bytes in the gzipped text response body.               |
| HTTP_RESPONSE_BODY_GZIPPED              | blob             | HTTP Response Body (GZipped)              | <input checked="" type="checkbox"/> | HTTP response body as gzipped contents.                          |
| HTTP_RESPONSE_BODY_LENGTH               | int64            | HTTP Response Body Length                 |                                     | Number of characters in the text response body.                  |
| HTTP_RESPONSE_BODY                      | varchar2(100000) | HTTP Response Body                        | <input checked="" type="checkbox"/> | HTTP response body.  |
| HTTP_RESPONSE_HEADERS                   | varchar2(16000)  | HTTP Response Headers                     | <input type="checkbox"/>            | HTTP response headers.   |

| Name                          | Data Type       | Label                 | Required                            | Documentation                            |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| MANAGED_THREAD_ID             | int32           | Managed Thread ID     | <input type="checkbox"/>            | Managed thread ID.                       |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                    |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                       |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                    |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.      |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                    |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                     |
| REQUEST_ID                    | varchar2(60)    | Request ID            | <input type="checkbox"/>            | Request ID.                              |
| REQUEST_URL                   | varchar2(4000)  | Request URL           | <input checked="" type="checkbox"/> | Request URL used to retrieve the answer. |
| TASK_ID                       | int32           | Task ID               | <input type="checkbox"/>            | Task ID.                                 |

### SYSTEMDATACONTAINERMESSAGES: Data Dictionary Data Container Messages

Messages per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: dme

Label: Data Container Messages

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

## View Columns

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

| Name                          | Data Type       | Label                 | Required                            | Documentation                          |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| CHANNEL_NAME                  | varchar2        | Channel Name          |                                     | Name of the channel within the source. |
| PAYLOAD                       | varchar2        | Payload               |                                     | Message text.                          |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                  |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                     |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                  |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.    |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                  |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                   |

| Name                  | Data Type    | Label             | Required | Documentation                                   |
|-----------------------|--------------|-------------------|----------|---|
| REGISTRATION_DATE_UTC | datetime     | Registration Date |          | Date at which the message was registered (UTC). |
| SOURCE_NAME           | varchar2     | Source Name       |          | Name of the source.                             |
| TYPE                  | varchar2(30) | Type              |          | Message type.                                   |

### SYSTEMDATACONTAINERPROPERTIES: Data Dictionary Data Container Properties

Properties and their values for active data containers.

Catalog: DataDictionary

Schema: Invantive

Alias: dcy

Label: Data Container Properties

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

### View Columns

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

| Name                  | Data Type       | Label                 | Required                            | Documentation                       |
|-----------------------|-----------------|-----------------------|-------------------------------------|-------------------------------------|
| DATA_CONTAINER_ALIAS  | varchar2(240)   | Data Container Alias  | <input type="checkbox"/>            | Alias of the data container.        |
| DATA_CONTAINER_ID     | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                  |
| IS_DEFAULT_FLAG       | char            | Is Default?           | <input checked="" type="checkbox"/> | Is the default provider?            |
| NAME                  | varchar2(240)   | Name                  | <input checked="" type="checkbox"/> | Name of the property.               |
| PROVIDER_INSTANCE_UID | guid            | Provider Instance UID | <input type="checkbox"/>            | Unique ID of the provider instance. |
| PROVIDER_NAME         | varchar2(240)   | Provider Name         | <input type="checkbox"/>            | Name of the provider.               |
| VALUE                 | varchar2(64000) | Value                 | <input type="checkbox"/>            | Current value of the property.      |

### SYSTEMDATACONTAINERRESERVEDWORDS: Data Dictionary Provider Reserved Words

Reserved words per open data container.

Catalog: DataDictionary

Schema: Invantive

Alias: pae

Label: Provider Reserved Words

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

## View Columns

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

| Name                          | Data Type       | Label                 | Required                            | Documentation                       |
|-------------------------------|-----------------|-----------------------|-------------------------------------|-------------------------------------|
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.               |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                  |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.               |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance. |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.               |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                |
| RESERVED_WORD                 | varchar2(240)   | Reserved Word         | <input checked="" type="checkbox"/> | Reserved word.                      |

### SYSTEMDATACONTAINERS: Data Dictionary Datacontainer

Active data containers.

Catalog: DataDictionary

Schema: Invantive

Alias: dcr

Label: Datacontainer

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

## View Columns

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

| Name                               | Data Type      | Label                              | Required                            | Documentation                       |
|------------------------------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| ALIAS                              | varchar2(240)  | Alias                              | <input type="checkbox"/>            | Alias of the data container.        |
| ID                                 | varchar2(4000) | ID                                 | <input type="checkbox"/>            | Data container ID.                  |
| IS_DEFAULT_FLAG                    | char           | Is Default?                        | <input checked="" type="checkbox"/> | Is the default provider?            |
| IS_SERVICE_PROVIDER_FLAG           | char           | Is Service Provider?               | <input checked="" type="checkbox"/> | Is the provider a service provider? |
| PARTITIONS_COUNT                   | int32          | Number of Partitions               | <input type="checkbox"/>            | Number of partitions.               |
| PARTITIONS_SELECTED_COUNT          | int32          | Number of Selected Partitions      | <input type="checkbox"/>            | Number of selected partitions.      |
| PROVIDER_DATABASE_POOL_DESCRIPTION | varchar2(240)  | Provider Database Pool Description | <input type="checkbox"/>            | Pool description of the database.   |
| PROVIDER_DATABASE_PRICING_TIER     | varchar2(240)  | Provider Database Pricing Tier     | <input type="checkbox"/>            | Pricing tier of the database.       |

| Name                             | Data Type       | Label                            | Required                            | Documentation                                   |
|----------------------------------|-----------------|----------------------------------|-------------------------------------|---|
| PROVIDER_DATABASE_SERVICE_TIER   | varchar2(240)   | Provider Database Service Tier   | <input type="checkbox"/>            | Service tier of the database.                   |
| PROVIDER_DATABASE_VERSION_NUMBER | varchar2(240)   | Provider Database Version Number | <input type="checkbox"/>            | Version number of the database.                 |
| PROVIDER_DATABASE_VERSION        | varchar2(240)   | Provider Database Version        | <input type="checkbox"/>            | Version text of the database.                   |
| PROVIDER_DESCRIPTION             | varchar2(16000) | Provider Description             | <input type="checkbox"/>            | Description of the provider.                    |
| PROVIDER_INSTANCE_UID            | guid            | Provider Instance UID            | <input checked="" type="checkbox"/> | Unique ID of the provider instance.             |
| PROVIDER_NAME                    | varchar2(240)   | Provider Name                    | <input checked="" type="checkbox"/> | Name of the provider.                           |
| PROVIDER_SHORT_NAME              | varchar2(240)   | Provider Short Name              | <input checked="" type="checkbox"/> | Short name of the provider.                     |
| SESSION_TIME_UTC_OFFSET_SECONDS  | int32           | UTC Session Time Offset (sec)    | <input checked="" type="checkbox"/> | UTC session offset (seconds).                   |
| UI_LANGUAGE_CODE                 | varchar2(30)    | UI Language Code                 | <input type="checkbox"/>            | User interface language code.                   |
| USER_COMPANY_ADDRESS_LINE_1      | varchar2(240)   | User Company Address Line 1      | <input type="checkbox"/>            | Address line 1 of the company of the user.      |
| USER_COMPANY_ADDRESS_LINE_2      | varchar2(240)   | User Company Address Line 2      | <input type="checkbox"/>            | Address line 2 of the company of the user.      |
| USER_COMPANY_ADDRESS_LINE_3      | varchar2(240)   | User Company Address Line 2      | <input type="checkbox"/>            | Address line 3 of the company of the user.      |
| USER_COMPANY_BIC                 | varchar2(4000)  | Company BIC                      | <input type="checkbox"/>            | BIC of the company of the user.                 |
| USER_COMPANY_CITY                | varchar2(240)   | User Company City                | <input type="checkbox"/>            | City of the company of the user.                |
| USER_COMPANY_COC_NUMBER          | varchar2(240)   | User Company CoC Number          | <input type="checkbox"/>            | CoC number of the company of the user.          |
| USER_COMPANY_COUNTRY             | varchar2(4000)  |                                  | <input type="checkbox"/>            | Country of the company of the user.             |
| USER_COMPANY_CURRENCY_CODE       | varchar2(240)   |                                  | <input type="checkbox"/>            | Currency code of the company of the user.       |
| USER_COMPANY_DATE_ESTABLISHED    | date            | User Company Established         | <input type="checkbox"/>            | Date established of the company of the user.    |
| USER_COMPANY_EMAIL_ADDRESSES     | varchar2(240)   | User Company Email Address       | <input type="checkbox"/>            | Email address of the company of the user.       |
| USER_COMPANY_EMPLOYEES           | int32           | User Company Employees           | <input type="checkbox"/>            | Number of employees of the company of the user. |
| USER_COMPANY_GLN_NUMBER          | varchar2(240)   |                                  | <input type="checkbox"/>            | GLN number of the company of the user.          |
| USER_COMPANY_IBAN                | varchar2(4000)  | Company IBAN                     | <input type="checkbox"/>            | IBAN of the company of the user.                |
| USER_COMPANY_ID                  | varchar2(4000)  | User Company ID                  | <input type="checkbox"/>            | Unique ID of the company of the user.           |
| USER_COMPANY_LEGAL_STRUCTURE     | varchar2(240)   | User Company Legal Structure     | <input type="checkbox"/>            | Legal structure of the company of the user.     |
| USER_COMPANY_NAME                | varchar2(4000)  | User Company Name                | <input type="checkbox"/>            | Name of the company of the user.                |
| USER_COMPANY_PAYPAL_IDENTIFIER   | varchar2(240)   | User Company PayPal Identifier   | <input type="checkbox"/>            | PayPal identifier of the company of the user.   |

| Name                         | Data Type      | Label                     | Required                 | Documentation                               |
|------------------------------|----------------|---------------------------|--------------------------|---|
| USER_COMPANY_PHONE           | varchar2(4000) | User Company Phone        | <input type="checkbox"/> | Phone of the company of the user.           |
| USER_COMPANY_POSTAL_CODE     | varchar2(4000) |                           | <input type="checkbox"/> | ZIP-code of the company of the user.        |
| USER_COMPANY_RSIN_NUMBER     | varchar2(240)  | User Company RSIN Number  | <input type="checkbox"/> | RSIN number of the company of the user.     |
| USER_COMPANY_SIRET_NUMBER    | varchar2(240)  | User Company SIRET Number | <input type="checkbox"/> | SIRET number of the company of the user.    |
| USER_COMPANY_STATE           | varchar2(4000) |                           | <input type="checkbox"/> | State of the company of the user.           |
| USER_COMPANY_TRADENAMES      | varchar2(240)  | User Company Trade-names  | <input type="checkbox"/> | Tradenames of the company of the user.      |
| USER_COMPANY_VAT_NUMBER      | varchar2(240)  | User Company VAT Number   | <input type="checkbox"/> | VAT number of the company of the user.      |
| USER_COMPANY_WAGE_TAX_NUMBER | varchar2(240)  |                           | <input type="checkbox"/> | Wage tax number of the company of the user. |
| USER_COMPANY_WEB_SITE        | varchar2(4000) | User Company Web-site     | <input type="checkbox"/> | Web site of the company of the user.        |
| USER_EMAIL_ADDRESS           | varchar2(240)  | User Email Address        | <input type="checkbox"/> | User email address.                         |
| USER_FIRST_NAME              | varchar2(240)  | User First Name           | <input type="checkbox"/> | User first name.                            |
| USER_GENDER                  | varchar2(30)   | User Gender               | <input type="checkbox"/> | User gender.                                |
| USER_ID                      | varchar2(240)  | User ID                   | <input type="checkbox"/> | User ID.                                    |
| USER_LANGUAGE_CODE           | varchar2(240)  | User Language Code        | <input type="checkbox"/> | User language code.                         |
| USER_LANGUAGE                | varchar2(240)  | User Language             | <input type="checkbox"/> | User language.                              |
| USER_LAST_LOGON              | datetime       | User Last Logon           | <input type="checkbox"/> | User last logon.                            |
| USER_LAST_NAME               | varchar2(240)  | User Last Name            | <input type="checkbox"/> | User last name.                             |
| USER_LINKED_IN_ACCOUNT       | varchar2(240)  | User LinkedIn Account     | <input type="checkbox"/> | User LinkedIn account URL.                  |
| USER_LOG_ON_CODE             | varchar2(240)  | User Log On Code          | <input type="checkbox"/> | User log on code.                           |
| USER_MIDDLE_NAME             | varchar2(240)  | User Middle Name          | <input type="checkbox"/> | User middle name.                           |
| USER_MOBILE_NUMBER           | varchar2(240)  | User Mobile Number        | <input type="checkbox"/> | User mobile number.                         |
| USER_NAME_AND_COMPANY        | varchar2(240)  | User Name and Company     | <input type="checkbox"/> | User name and company name.                 |
| USER_NAME                    | varchar2(240)  | User Name                 | <input type="checkbox"/> | User name.                                  |
| USER_NATIONALITY             | varchar2(240)  | User Nationality          | <input type="checkbox"/> | User nationality.                           |
| USER_PHONE_NUMBER            | varchar2(240)  | User Phone Number         | <input type="checkbox"/> | User phone number.                          |
| USER_PICTURE_BLOB            | blob           | User Picture (BLOB)       | <input type="checkbox"/> | User picture as BLOB.                       |
| USER_PICTURE_MIME_TYPE       | varchar2(240)  | User Picture MIME Type    | <input type="checkbox"/> | User picture MIME type.                     |
| USER_PICTURE_URL             | varchar2(4000) | User Picture (URL)        | <input type="checkbox"/> | User picture URL.                           |
| USER_SKYPE_ACCOUNT           | varchar2(240)  | User Skype Account        | <input type="checkbox"/> | User Skype account.                         |
| USER_TITLE                   | varchar2(240)  | User Title                | <input type="checkbox"/> | User titlet.                                |
| USER_TWITTER_ACCOUNT         | varchar2(240)  | User Twitter Account      | <input type="checkbox"/> | User Twitter account.                       |
| USER_WEBSITE_URL             | varchar2(240)  | User Website              | <input type="checkbox"/> | User website URL.                           |

## SYSTEMDATACONTAINERSLOTBASEDRATELIMITERS: Data Dictionary Provider Slot-based Rate Limiters

Slot-based rate limiters per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: dsr

Label: Provider Slot-based Rate Limiters

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

### View Columns

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

| Name                          | Data Type       | Label                        | Required                            | Documentation   |
|-------------------------------|-----------------|------------------------------|-------------------------------------|---|
| CODE                          | varchar2(240)   | Code                         | <input type="checkbox"/>            | Code of the rate limiter.                                   |
| DURATION_PERIOD_MS            | int64           | Duration Period (ms)         | <input checked="" type="checkbox"/> | Duration of period in ms after which the slot use recycles. |
| LABEL                         | varchar2(240)   | Label                        | <input type="checkbox"/>            | Label of the rate limiter.                                  |
| LAST_CONTEXT                  | varchar2        | Last Context                 | <input type="checkbox"/>            | Last context.   |
| LAST_HIT_SLOT0_UTC            | datetime        | Last Hit of Slot 0           | <input type="checkbox"/>            | Time of last registration on first slot (UTC).              |
| LAST_SLEEP_CONTEXT            | varchar2        | Last Sleep Context           | <input type="checkbox"/>            | Context of last sleep.                                      |
| LAST_SLEEP_DURATION_MS        | int64           | Last Sleep Duration (ms)     | <input type="checkbox"/>            | Last sleep duration in ms.                                  |
| LAST_SLEEP_START_UTC          | datetime        | Last Sleep Start             | <input type="checkbox"/>            | Start time of last sleep (UTC).                             |
| NUMBER_OF_FIRST_FREE_SLOT     | int64           | Number of Slots in Period    | <input checked="" type="checkbox"/> | Number of slots per period.                                 |
| NUMBER_OF_SLOTS_IN_PERIOD     | int64           | Number of Slots in Period    | <input type="checkbox"/>            | Number of slots per period.                                 |
| PREVIOUS_HIT_SLOT0_UTC        | datetime        | Previous Hit of Slot 0       | <input type="checkbox"/>            | Time of previous registration on first slot (UTC).          |
| PREVIOUS_SLEEP_CONTEXT        | varchar2        | Previous Sleep Context       | <input type="checkbox"/>            | Context of previous sleep.                                  |
| PREVIOUS_SLEEP_DURATION_MS    | int64           | Previous Sleep Duration (ms) | <input type="checkbox"/>            | Previous sleep duration in ms.                              |
| PREVIOUS_SLEEP_START_UTC      | datetime        | Previous Sleep Start         | <input type="checkbox"/>            | Start time of previous sleep (UTC).                         |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias         | <input type="checkbox"/>            | Data container alias.                                       |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID            | <input type="checkbox"/>            | Data container ID.  |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description         | <input checked="" type="checkbox"/> | Description.  |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID        | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                         |

| Name                    | Data Type     | Label               | Required                            | Documentation                   |
|-------------------------|---------------|---------------------|-------------------------------------|---------------------------------|
| PROVIDER_NAME           | varchar2(240) | Provider Name       | <input checked="" type="checkbox"/> | Name of the provider.           |
| PROVIDER_SHORT_NAME     | varchar2(240) | Provider Short Name | <input checked="" type="checkbox"/> | Short name.                     |
| SLOT_HIT_COUNT          | int64         | Number of Hits      | <input checked="" type="checkbox"/> | Number of slot hits registered. |
| TOTAL_SLEEP_COUNT       | int32         | Number of Sleeps    | <input checked="" type="checkbox"/> | Number of sleeps.               |
| TOTAL_SLEEP_DURATION_MS | int64         | Sleep Duration (ms) | <input checked="" type="checkbox"/> | Total sleep duration in ms.     |
| TYPE                    | varchar2(240) | Type                | <input checked="" type="checkbox"/> | Type of the rate limiter.       |

### SYSTEMDATACONTAINERSLOTBASEDRATELIMITERSLOTS: Data Dictionary Provider Slot-based Rate Limiter Slots

Slot-specific details of slot-based rate limiters per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: dst

Label: Provider Slot-based Rate Limiter Slots

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

## View Columns

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

| Name                          | Data Type       | Label                     | Required                            | Documentation   |
|-------------------------------|-----------------|---------------------------|-------------------------------------|---|
| CODE                          | varchar2(240)   | Code                      | <input type="checkbox"/>            | Code of the rate limiter.                                   |
| DURATION_PERIOD_MS            | int64           | Duration Period (ms)      | <input checked="" type="checkbox"/> | Duration of period in ms after which the slot use recycles. |
| LABEL                         | varchar2(240)   | Label                     | <input type="checkbox"/>            | Label of the rate limiter.                                  |
| LAST_CONTEXT                  | varchar2        | Last Context              | <input type="checkbox"/>            | Last context.   |
| LAST_SLOT_REGISTRATION_UTC    | datetime        | Last Slot Registration    | <input type="checkbox"/>            | Last registration on slot (UTC).                            |
| NUMBER_OF_FIRST_FREE_SLOT     | int64           | Number of Slots in Period | <input checked="" type="checkbox"/> | Number of slots per period.                                 |
| NUMBER_OF_SLOTS_IN_PERIOD     | int64           | Number of Slots in Period | <input type="checkbox"/>            | Number of slots per period.                                 |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias      | <input type="checkbox"/>            | Data container alias.                                       |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID         | <input type="checkbox"/>            | Data container ID.  |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description      | <input checked="" type="checkbox"/> | Description.  |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID     | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                         |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name             | <input checked="" type="checkbox"/> | Name of the provider.                                       |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name       | <input checked="" type="checkbox"/> | Short name.   |

| Name        | Data Type     | Label       | Required                            | Documentation             |
|-------------|---------------|-------------|-------------------------------------|---------------------------|
| SLOT_NUMBER | int64         | Slot Number | <input checked="" type="checkbox"/> | Number of slot.           |
| TYPE        | varchar2(240) | Type        | <input checked="" type="checkbox"/> | Type of the rate limiter. |

### SYSTEMDOMAINCODES: Data Dictionary Code/value Domains

Domain maps of code/values.

Catalog: DataDictionary

Schema: Invantive

Alias: dmn

Label: Code/value Domains

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

## View Columns

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

| Name                          | Data Type       | Label                 | Required                            | Documentation  |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| CATALOG_NAME                  | varchar2        | Catalog Name          |                                     | Catalog where the tables are contained in.                 |
| CODE                          | varchar2        | Code                  |                                     | Code of the domain.  |
| ID                            | int32           | ID                    |                                     | Unique ID of the code domain.                              |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                                      |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                                      |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                        |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                                      |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                                       |
| SCHEMA_NAME                   | varchar2        | Schema                |                                     | Schema within the catalog where the table is contained in. |
| TABLE_DESCRIPTION             | varchar2        | Table Description     |                                     | Description of the contents.                               |
| TABLE_EXAMPLE                 | varchar2        | Table Example         |                                     | Example of the contents.                                   |
| TABLE_LABEL_PLURAL            | varchar2        | Table Label Plural    |                                     | Label of the table contents in plural form.                |
| TABLE_NAME                    | varchar2        | Table Name            |                                     | Name of the table or view.                                 |

**SYSTEMDOMAINCODEVALUES: Data Dictionary Domain Values**

Domain codes and their values.

Catalog: DataDictionary

Schema: Invantive

Alias: dve

Label: Domain Values

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

**View Columns**

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

| Name                          | Data Type       | Label                 | Required                            | Documentation                           |
|-------------------------------|-----------------|-----------------------|-------------------------------------|---|
| CODE                          | varchar2        | Code                  |                                     | Code value.                             |
| DESCRIPTION                   | varchar2(4000)  | Description           |                                     | Description of value.                   |
| DOMAIN_CODE                   | varchar2        | Domain Code           |                                     | Code of the domain.                     |
| ID                            | int32           | ID                    |                                     | Unique ID of the code domain.           |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.                   |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                      |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.                   |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.     |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.                   |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                    |
| RESOURCE_CODE                 | varchar2(240)   | Resource Code         | <input type="checkbox"/>            | Resource code for internationalization. |

**SYSTEMFILTERTOTABLEFUNCTIONPARAMETERS: Data Dictionary Filter to Table Function Parameters**

Mapping from filters to table function parameters.

Catalog: DataDictionary

Schema: Invantive

Alias: ftr

Label: Filter to Table Function Parameters

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

## View Columns

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

| Name                          | Data Type       | Label                  | Required                            | Documentation  |
|-------------------------------|-----------------|------------------------|-------------------------------------|--|
| ADDITIONAL_INFORMATION        | varchar2        | Additional Information |                                     | Additional information from specific types of translation functions. |
| DOCUMENTATION                 | varchar2        | Documentation          |                                     | Documentation.   |
| FROM_PARAMETER_NAME           | varchar2        | From Parameter Name    |                                     | From parameter name.   |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias   | <input type="checkbox"/>            | Data container alias.  |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID      | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description   | <input checked="" type="checkbox"/> | Provider description.  |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID  | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                                  |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name          | <input checked="" type="checkbox"/> | Name of the provider.  |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name    | <input checked="" type="checkbox"/> | Provider short name.   |
| SOURCE_COLUMN_NAME            | varchar2        | Source Column Name     |                                     | Source column name.  |
| TO_PARAMETER_NAME             | varchar2        | To Parameter Name      |                                     | To parameter name.   |

### SYSTEMFUNCTIONS: Data Dictionary System Functions

Invariantive SQL functions and whether they are licensed for use.

Catalog: DataDictionary

Schema: Invariantive

Alias: ftn

Label: System Functions

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

## View Columns

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

| Name                 | Data Type     | Label             | Required                            | Documentation   |
|----------------------|---------------|-------------------|-------------------------------------|---|
| FUNCTION_CODE        | varchar2(240) | Function Code     | <input checked="" type="checkbox"/> | Code of function.                                     |
| IS_LICENSED_FOR_EDIT | char          | Licensed for Edit | <input checked="" type="checkbox"/> | Indicator whether the function is licensed for edits. |
| IS_LICENSED          | char          | Licensed          | <input checked="" type="checkbox"/> | Indicator whether the function is licensed.           |

**SYSTEMLANGUAGES: Data Dictionary Languages**

Languages.

Catalog: DataDictionary

Schema: Invantive

Alias: lge

Label: Languages

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

**View Columns**

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

| Name                | Data Type    | Label               | Required                            | Documentation   |
|---------------------|--------------|---------------------|-------------------------------------|---|
| IS_DISPLAY_LANGUAGE | boolean      | Is Display Language | <input checked="" type="checkbox"/> | Whether the user interface is available in this language. |
| ISO_CODE            | varchar2(2)  | ISO Code            | <input checked="" type="checkbox"/> | ISO 639-1 code.   |
| NAME_I18N           | varchar2(60) | Name                | <input checked="" type="checkbox"/> | Translated name of the language.                          |
| RESOURCE_CODE       | varchar2(60) | Resource Code       | <input checked="" type="checkbox"/> | Code of the resource for the language.                    |

**SYSTEMLICENSEMODULES**

Defined license modules.

Catalog: DataDictionary

Schema: Invantive

Alias: lme

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

**View Columns**

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

| Name                       | Data Type     | Label       | Required                            | Documentation                            |
|----------------------------|---------------|-------------|-------------------------------------|--|
| CODE                       | varchar2(240) | Code        | <input checked="" type="checkbox"/> | Code.                                    |
| CRYPTO_LICENSE_FEATURE     | int32         |             | <input type="checkbox"/>            | CryptoLicensing feature.                 |
| CRYPTO_LICENSE_USE_ALLOWED | char          |             | <input type="checkbox"/>            | Is use allowed based on CryptoLicensing? |
| DESCRIPTION                | varchar2(240) | Description | <input type="checkbox"/>            | Description.                             |
| ICON_URL                   | varchar2(240) | Icon (URL)  | <input type="checkbox"/>            | Icon (URL).                              |

| Name                          | Data Type     | Label        | Required                 | Documentation                                      |
|-------------------------------|---------------|--------------|--------------------------|--|
| INVANTIVE_LICENSE_USE_ALLOWED | char          |              | <input type="checkbox"/> | Is use allowed based on Invantive License Service? |
| LABEL_FIXED                   | varchar2(240) |              | <input type="checkbox"/> | Label (fixed).                                     |
| LABEL_I18N                    | varchar2(240) |              | <input type="checkbox"/> | Label (I18N).                                      |
| MODULE_TYPE                   | varchar2(240) |              | <input type="checkbox"/> | Module type.                                       |
| PRODUCT_CODE                  | varchar2(60)  | Product Code | <input type="checkbox"/> | Product code at Invantive Estate.                  |
| UNIT_ID                       | int32         |              | <input type="checkbox"/> | Unit ID.   |
| UNIT_SERIAL_NUMBER            | varchar2(240) |              | <input type="checkbox"/> | Serial number at Invantive Estate.                 |

### SYSTEMLICENSES: Data Dictionary Licenses

Properties and their values of the currently active license contract key.

Catalog: DataDictionary

Schema: Invantive

Alias: lce

Label: Licenses

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

### View Columns

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

| Name                  | Data Type        | Label                 | Required                            | Documentation                          |
|-----------------------|------------------|-----------------------|-------------------------------------|--|
| ALIAS                 | varchar2(240)    | Alias                 | <input type="checkbox"/>            | Alias of the provider.                 |
| CLIENT_ID             | varchar2(240)    | Client ID             | <input type="checkbox"/>            | OAuth client ID.                       |
| NAME                  | varchar2(240)    | Name                  | <input checked="" type="checkbox"/> | Name of the license property.          |
| PROVIDER_INSTANCE_UID | guid             | Provider Instance UID | <input type="checkbox"/>            | Unique ID of the provider instance.    |
| PROVIDER_NAME         | varchar2(240)    | Provider Name         | <input type="checkbox"/>            | Name of the provider.                  |
| REDIRECT_URL          | varchar2(4000)   |                       | <input type="checkbox"/>            | OAuth redirect URL.                    |
| VALUE                 | varchar2(131072) | Value                 | <input type="checkbox"/>            | Current value of the license property. |

### SYSTEMLOCKS: Data Dictionary Locks

Locks.

Catalog: DataDictionary

Schema: Invantive

Alias: lck

Label: Locks

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

## View Columns

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

| Name                                     | Data Type      | Label                                    | Required                            | Documentation   |
|--|----------------|--|-------------------------------------|---|
| ACQUISITION_COUNT                        | int64          | Acquisition Count                        | <input checked="" type="checkbox"/> | Number of acquisitions.   |
| AVERAGE_ACTIVE                           | number         | Average Active                           | <input checked="" type="checkbox"/> | Average number of active slots.                                 |
| BILLING_ID_LAST_ACQUISITION              | varchar2       | Billing ID Last Acquisition              | <input type="checkbox"/>            | ID for billing at last acquisition.                             |
| BILLING_ID_LAST_TIMEOUT                  | varchar2       | Billing ID Last Timeout                  | <input type="checkbox"/>            | ID for billing at last timeout.                                 |
| BILLING_ID                               | varchar2       | Billing ID                               | <input type="checkbox"/>            | ID for billing.   |
| CALLING_PROVIDER_ALIAS                   | varchar2(240)  | Calling Provider Alias                   | <input type="checkbox"/>            | Calling provider alias.   |
| CATEGORY_CODE                            | varchar2       | Category Code                            | <input type="checkbox"/>            | Category.   |
| CONTEXT                                  | varchar2       | Context                                  | <input type="checkbox"/>            | Context.  |
| CURRENT_FREE                             | int32          | Current Free                             | <input checked="" type="checkbox"/> | Current capacity free.  |
| CURRENT_READ_USED                        | int32          | Current Read                             | <input checked="" type="checkbox"/> | Current read capacity used.                                     |
| CURRENT_USED                             | int32          | Current Used                             | <input checked="" type="checkbox"/> | Current capacity used.  |
| CURRENT_WAITING_COUNT                    | int32          | Current Waiting                          | <input checked="" type="checkbox"/> | Current number of waiters.                                      |
| DATA_CONTAINER_ID                        | varchar2(4000) | Data Container ID                        | <input type="checkbox"/>            | Data container ID that created the lock.                        |
| DATE_FIRST_ACQUISITION                   | datetime       | First Acquisition                        | <input type="checkbox"/>            | Time of first acquisition.                                      |
| DATE_FIRST_RELEASE                       | datetime       | First Release                            | <input type="checkbox"/>            | Time of first release.  |
| DATE_FIRST_TIMEOUT                       | datetime       | First Timeout                            | <input type="checkbox"/>            | Time of first time-out.   |
| DATE_LAST_ACQUISITION                    | datetime       | Last Acquisition                         | <input type="checkbox"/>            | Time of last acquisition.                                       |
| DATE_LAST_FULL_RELEASE                   | datetime       | Last Full Release                        | <input type="checkbox"/>            | Time of last full release.                                      |
| DATE_LAST_OPERATION                      | datetime       | Last Operation                           | <input checked="" type="checkbox"/> | Time of last operation.   |
| DATE_LAST_RELEASE                        | datetime       | Last Release                             | <input type="checkbox"/>            | Time of last release.   |
| DATE_LAST_TIMEOUT                        | datetime       | Last Timeout                             | <input type="checkbox"/>            | Time of last time-out.  |
| DATE_REGISTERED                          | datetime       | Registered                               | <input checked="" type="checkbox"/> | Time of registration.   |
| EXECUTION_STEP_ID                        | int64          | SQL Execution Step ID                    | <input type="checkbox"/>            | ID of the SQL execution step that created the lock.             |
| GUI_ACTION                               | varchar2(240)  | GUI Action                               | <input type="checkbox"/>            | Action performed within the user interface.                     |
| GUI_IP_ADDRESS_EXTERNAL_LAST_ACQUISITION | varchar2(240)  | GUI IP Address External Last Acquisition | <input type="checkbox"/>            | External IP address of the GUI application at last acquisition. |
| GUI_IP_ADDRESS_EXTERNAL_LAST_TIMEOUT     | varchar2(240)  | GUI IP Address External Last Timeout     | <input type="checkbox"/>            | External IP address of the GUI application at last timeout.     |
| GUI_IP_ADDRESS_EXTERNAL                  | varchar2(240)  | GUI External IP Address                  | <input type="checkbox"/>            | External IP address of the GUI application.                     |
| GUI_IP_PORT_LAST_ACQUISITION             | uint16         | GUI IP Port Last Acquisition             | <input type="checkbox"/>            | External IP port of the GUI application at last acquisition.    |

| Name                            | Data Type     | Label                          | Required                            | Documentation   |
|---------------------------------|---------------|--------------------------------|-------------------------------------|---|
| GUI_IP_PORT_LAST_TIMEOUT        | uint16        | GUI IP Port Last Timeout       | <input type="checkbox"/>            | External IP port of the GUI application at last timeout.        |
| GUI_IP_PORT                     | uint16        | GUI IP Port                    | <input type="checkbox"/>            | External IP port of the GUI application.                        |
| GUI_MACHINE                     | varchar2(240) | GUI Machine                    | <input type="checkbox"/>            | Name of the machine running the GUI application.                |
| GUI_MODULE_NAME                 | varchar2(240) | GUI Module Name                | <input type="checkbox"/>            | Module within the GUI application currently running.            |
| GUI_MODULE_VERSION              | varchar2(240) | GUI Module Version             | <input type="checkbox"/>            | Version of module within the GUI application currently running. |
| GUI_OS_USER                     | varchar2(240) | GUI OS User                    | <input type="checkbox"/>            | OS user.  |
| GUI_USER                        | varchar2(240) | User                           | <input type="checkbox"/>            | Application user.   |
| INITIAL_CAPACITY                | int32         | Initial Capacity               | <input checked="" type="checkbox"/> | Initial capacity.   |
| LAST_ACQUISITION_CATEGORY_CODE  | varchar(60)   |                                | <input type="checkbox"/>            | Category code of last acquisition.                              |
| LAST_FULL_RELEASE_CATEGORY_CODE | varchar(60)   |                                | <input type="checkbox"/>            | Category code of last full release.                             |
| LAST_OPERATION_CATEGORY_CODE    | varchar(60)   |                                | <input type="checkbox"/>            | Category code of last operation.                                |
| LAST_RELEASE_CATEGORY_CODE      | varchar(60)   |                                | <input type="checkbox"/>            | Category code of last release.                                  |
| LAST_TIMEOUT_CATEGORY_CODE      | varchar(60)   |                                | <input type="checkbox"/>            | Category code of last timeout.                                  |
| LAST_WAIT_TIMEOUT_MS            | int64         | Last Wait Timeout (ms)         | <input type="checkbox"/>            | Time-out in milliseconds of last started and active wait.       |
| MAXIMUM_CAPACITY                | int32         | Maximum Capacity               | <input checked="" type="checkbox"/> | Maximum capacity.   |
| PARTITION_CODE                  | varchar2(240) | Partition Code                 | <input type="checkbox"/>            | Unique code of the partition that created the lock.             |
| POOL_IDENTITY_LAST_ACQUISITION  | varchar2(60)  | Pool Identity Last Acquisition | <input type="checkbox"/>            | Pool identity at last acquisition.                              |
| POOL_IDENTITY_LAST_TIMEOUT      | varchar2(60)  | Pool Identity Last Timeout     | <input type="checkbox"/>            | Pool identity at last timeout.                                  |
| POOL_IDENTITY                   | varchar2(60)  | Pool Identity                  | <input type="checkbox"/>            | Pool identity.  |
| PROCESS_ID                      | uint32        | Process ID                     | <input type="checkbox"/>            | Process ID.   |
| PROVIDER_NAME                   | varchar2(240) | Provider Name                  | <input type="checkbox"/>            | Name of the provider that created the lock.                     |
| RELEASE_COUNT                   | int64         | Release Count                  | <input checked="" type="checkbox"/> | Number of releases.   |
| REQUEST_ID_LAST_ACQUISITION     | varchar2(240) | Request ID Last Acquisition    | <input type="checkbox"/>            | Request ID at last acquisition.                                 |
| REQUEST_ID_LAST_TIMEOUT         | varchar2(240) | Request ID Last Timeout        | <input type="checkbox"/>            | Request ID at last timeout.                                     |
| REQUEST_ID                      | varchar2(240) | Request ID                     | <input type="checkbox"/>            | Request ID.   |
| SESSION_ID                      | varchar2(240) | Session ID                     | <input type="checkbox"/>            | ID of the session that created the lock.                        |
| SQL_STATEMENT                   | varchar2      | SQL Statement                  | <input type="checkbox"/>            | SQL statement that created the lock.                            |
| STDDEV_ACTIVE                   | number        | Standard Deviation Active      | <input checked="" type="checkbox"/> | Standard deviation number of active slots.                      |

| Name                     | Data Type    | Label                                 | Required                            | Documentation                              |
|--------------------------|--------------|---------------------------------------|-------------------------------------|--|
| STYLE                    | varchar(60)  | Style                                 | <input checked="" type="checkbox"/> | Style.                                     |
| TABLE_NAME               | varchar2     | Table Name                            | <input type="checkbox"/>            | Name of the table that created the lock.   |
| TIMEOUT_COUNT            | int64        | Timeout Count                         | <input checked="" type="checkbox"/> | Number of timeouts.                        |
| TYPE                     | varchar2(30) | Type                                  | <input type="checkbox"/>            | Type of lock. One of: SEMAPHORE or RWLOCK. |
| UID                      | guid         | UID                                   | <input checked="" type="checkbox"/> | Unique ID.                                 |
| WAIT_AVERAGE_DURATION_MS | number       | Average Wait Duration (ms)            | <input checked="" type="checkbox"/> | Average duration of wait (ms).             |
| WAIT_STDDEV_DURATION_MS  | number       | Standard Deviation Wait Duration (ms) | <input checked="" type="checkbox"/> | Standard deviation duration of wait (ms).  |
| WAITS_COMPLETED          | int64        | Waits Completed                       | <input checked="" type="checkbox"/> | Number of waits completed.                 |

### SYSTEMLOGGINGMESSAGECOUNTERSTATISTICS

Statistics per timestamp of number of logging messages registered.

Catalog: DataDictionary

Schema: Invantive

Alias: lmc

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

### View Columns

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

| Name      | Data Type     | Label     | Required                            | Documentation          |
|-----------|---------------|-----------|-------------------------------------|------------------------|
| LEVEL     | varchar2(240) | Level     | <input checked="" type="checkbox"/> | Level.                 |
| QUANTITY  | int64         | Quantity  |                                     | Number of occurrences. |
| TIMESTAMP | varchar2(240) | Timestamp | <input checked="" type="checkbox"/> | Timestamp.             |

### SYSTEMMANAGEDFILEACTIONS: Data Dictionary Managed File Actions

Managed file actions.

Catalog: DataDictionary

Schema: Invantive

Alias: mfn

Label: Managed File Actions

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

## View Columns

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

| Name                      | Data Type      | Label                   | Required                            | Documentation  |
|---------------------------|----------------|-------------------------|-------------------------------------|--|
| ACTION                    | varchar2(30)   | Action                  | <input checked="" type="checkbox"/> | Action.  |
| BILLING_ID                | varchar2       | Billing ID              | <input type="checkbox"/>            | ID for billing.  |
| CALL_SAFE_NAME_OVERRULE   | varchar2       | Call Safe Name Overrule | <input type="checkbox"/>            | Overruled name of the table.                                     |
| CALLING_PROVIDER_ALIAS    | varchar2(240)  | Calling Provider Alias  | <input type="checkbox"/>            | Calling provider alias.  |
| CATALOG_NAME              | varchar2       | Catalog Name            | <input type="checkbox"/>            | Name of the catalog.   |
| DATA_CONTAINER_ID         | varchar2(4000) | Data Container ID       | <input type="checkbox"/>            | Data container ID.   |
| DATE_DO_NOT_REMOVE_BEFORE | datetime       | Do Not Remove Before    | <input type="checkbox"/>            | Time before w hich not to remove.                                |
| DATE_REGISTERED           | datetime       | Registered              | <input checked="" type="checkbox"/> | Time of registration.  |
| EXCEPTION_CODE            | varchar2       | Exception Code          | <input type="checkbox"/>            | Exception code.  |
| EXCEPTION_TEXT            | varchar2       | Text                    | <input type="checkbox"/>            | Exception text.  |
| EXECUTION_STEP_ID         | int64          | SQL Execution Step ID   |                                     | ID of the SQL execution step.                                    |
| FILE_NAME                 | varchar2(4000) | File Name               | <input checked="" type="checkbox"/> | File name and path.  |
| GUI_ACTION                | varchar2(240)  | GUI Action              | <input type="checkbox"/>            | Action performed w ithin the user interface.                     |
| GUI_IP_ADDRESS_EXTERNAL   | varchar2(240)  | GUI External IP Address | <input type="checkbox"/>            | External IP address of the GUI application.                      |
| GUI_IP_PORT               | uint16         | GUI External IP Port    | <input type="checkbox"/>            | External IP port of the GUI application.                         |
| GUI_MACHINE               | varchar2(240)  | GUI Machine             | <input type="checkbox"/>            | Name of the machine running the GUI application.                 |
| GUI_MODULE_NAME           | varchar2(240)  | GUI Module Name         | <input type="checkbox"/>            | Module w ithin the GUI application currently running.            |
| GUI_MODULE_VERSION        | varchar2(240)  | GUI Module Version      | <input type="checkbox"/>            | Version of module w ithin the GUI application currently running. |
| GUI_OS_USER               | varchar2(240)  | GUI OS User             | <input type="checkbox"/>            | OS user.   |
| GUI_USER                  | varchar2(240)  | User                    | <input type="checkbox"/>            | Application user.  |
| LIFE_CYCLE_TYPE           | varchar2(30)   | Life Cycle Type         | <input checked="" type="checkbox"/> | Life cycle type.   |
| MESSAGE_CODE              | varchar2(30)   | Type                    | <input checked="" type="checkbox"/> | Type.  |
| PARTITION                 | varchar2       | Partition               | <input type="checkbox"/>            | Specific partition on w hich the I/O w as executed.              |
| POOL_IDENTITY             | varchar2(60)   | Pool Identity           | <input type="checkbox"/>            | Pool identity.   |
| PROCESS_ID                | uint32         | Process ID              | <input type="checkbox"/>            | Process ID.  |
| PROVIDER_NAME             | varchar2(240)  | Provider Name           | <input type="checkbox"/>            | Provider name.   |
| REQUEST_ID                | varchar2(240)  | Request ID              | <input type="checkbox"/>            | Request ID.  |
| SCHEMA_NAME               | varchar2       | Schema                  | <input type="checkbox"/>            | Name of the schema.  |
| SESSION_ID                | varchar2(240)  | Session ID              | <input type="checkbox"/>            | ID of the session.   |
| SIZE_BYTES                | int64          | Bytes                   | <input type="checkbox"/>            | Size in bytes.   |

| Name            | Data Type    | Label      | Required                            | Documentation       |
|-----------------|--------------|------------|-------------------------------------|---------------------|
| SIZE_CHARACTERS | int64        | Characters | <input type="checkbox"/>            | Size in characters. |
| TABLE_NAME      | varchar2     | Table Name | <input type="checkbox"/>            | Name of the table.  |
| TYPE            | varchar2(30) | Type       | <input checked="" type="checkbox"/> | Type.               |
| UID             | guid         | UID        | <input checked="" type="checkbox"/> | Unique ID.          |

### SYSTEMMANAGEDFILES: Data Dictionary Managed Files

Managed files.

Catalog: DataDictionary

Schema: Invantive

Alias: mfe

Label: Managed Files

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

### View Columns

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

| Name                             | Data Type      | Label                   | Required                            | Documentation                                    |
|----------------------------------|----------------|-------------------------|-------------------------------------|--|
| CREATE_ACTION                    | varchar2(30)   | Action                  | <input checked="" type="checkbox"/> | Action.  |
| CREATE_BILLING_ID                | varchar2       | Billing ID              | <input type="checkbox"/>            | ID for billing.                                  |
| CREATE_CALL_SAFE_NAME_OVERRIDE   | varchar2       | Call Safe Name Override | <input type="checkbox"/>            | Overruled name of the table.                     |
| CREATE_CALLING_PROVIDER_ALIAS    | varchar2(240)  | Calling Provider Alias  | <input type="checkbox"/>            | Calling provider alias.                          |
| CREATE_CATALOG_NAME              | varchar2       | Catalog Name            | <input type="checkbox"/>            | Name of the catalog.                             |
| CREATE_DATA_CONTAINER_ID         | varchar2(4000) | Data Container ID       | <input type="checkbox"/>            | Data container ID.                               |
| CREATE_DATE_DO_NOT_REMOVE_BEFORE | datetime       | Do Not Remove Before    | <input type="checkbox"/>            | Time before which not to remove.                 |
| CREATE_DATE_REGISTERED           | datetime       | Registered              | <input checked="" type="checkbox"/> | Time of registration.                            |
| CREATE_EXCEPTION_CODE            | varchar2       | Exception Code          | <input type="checkbox"/>            | Exception code.                                  |
| CREATE_EXCEPTION_TEXT            | varchar2       | Text                    | <input type="checkbox"/>            | Exception text.                                  |
| CREATE_EXECUTION_STEP_ID         | int64          | SQL Execution Step ID   |                                     | ID of the SQL execution step.                    |
| CREATE_GUI_ACTION                | varchar2(240)  | GUI Action              | <input type="checkbox"/>            | Action performed within the user interface.      |
| CREATE_GUI_IP_ADDRESS_EXTERNAL   | varchar2(240)  | GUI External IP Address | <input type="checkbox"/>            | External IP address of the GUI application.      |
| CREATE_GUI_IP_PORT               | uint16         | GUI External IP Port    | <input type="checkbox"/>            | External IP port of the GUI application.         |
| CREATE_GUI_MACHINE               | varchar2(240)  | GUI Machine             | <input type="checkbox"/>            | Name of the machine running the GUI application. |

| Name                               | Data Type      | Label                   | Required                            | Documentation   |
|------------------------------------|----------------|-------------------------|-------------------------------------|---|
| CREATE_GUI_MODULE_NAME             | varchar2(240)  | GUI Module Name         | <input type="checkbox"/>            | Module within the GUI application currently running.            |
| CREATE_GUI_MODULE_VERSION          | varchar2(240)  | GUI Module Version      | <input type="checkbox"/>            | Version of module within the GUI application currently running. |
| CREATE_GUI_OS_USER                 | varchar2(240)  | GUI OS User             | <input type="checkbox"/>            | OS user.  |
| CREATE_GUI_USER                    | varchar2(240)  | User                    | <input type="checkbox"/>            | Application user.   |
| CREATE_LIFE_CYCLE_TYPE             | varchar2(30)   | Life Cycle Type         | <input checked="" type="checkbox"/> | Life cycle type.  |
| CREATE_MESSAGE_CODE                | varchar2(30)   | Type                    | <input checked="" type="checkbox"/> | Type.   |
| CREATE_PARTITION                   | varchar2       | Partition               | <input type="checkbox"/>            | Specific partition on which the I/O was executed.               |
| CREATE_POOL_IDENTITY               | varchar2(60)   | Pool Identity           | <input type="checkbox"/>            | Pool identity.  |
| CREATE_PROCESS_ID                  | uint32         | Process ID              | <input type="checkbox"/>            | Process ID.   |
| CREATE_PROVIDER_NAME               | varchar2(240)  | Provider Name           | <input type="checkbox"/>            | Name of the provider.   |
| CREATE_REQUEST_ID                  | varchar2(240)  | Request ID              | <input type="checkbox"/>            | Request ID.   |
| CREATE_SCHEMA_NAME                 | varchar2       | Schema                  | <input type="checkbox"/>            | Name of the schema.   |
| CREATE_SESSION_ID                  | varchar2(240)  | Session ID              | <input type="checkbox"/>            | ID of the session.  |
| CREATE_SIZE_BYTES                  | int64          | Bytes                   | <input type="checkbox"/>            | Size in bytes.  |
| CREATE_SIZE_CHARACTERS             | int64          | Characters              | <input type="checkbox"/>            | Size in characters.   |
| CREATE_TABLE_NAME                  | varchar2       | Table Name              | <input type="checkbox"/>            | Name of the table.  |
| CREATE_TYPE                        | varchar2(30)   | Type                    | <input checked="" type="checkbox"/> | Type.   |
| EXISTS_FLAG                        | boolean        | Exists Flag             | <input type="checkbox"/>            | Whether the file exists.  |
| FILE_NAME                          | varchar2(4000) | File Name               | <input checked="" type="checkbox"/> | File name and path.   |
| MODIFIED_ACTION                    | varchar2(30)   | Action                  | <input checked="" type="checkbox"/> | Action.   |
| MODIFIED_BILLING_ID                | varchar2       | Billing ID              | <input type="checkbox"/>            | ID for billing.   |
| MODIFIED_CALL_SAFE_NAME_OVERRIDE   | varchar2       | Call Safe Name Override | <input type="checkbox"/>            | Overruled name of the table.                                    |
| MODIFIED_CALLING_PROVIDER_ALIAS    | varchar2(240)  | Calling Provider Alias  | <input type="checkbox"/>            | Calling provider alias.   |
| MODIFIED_CATALOG_NAME              | varchar2       | Catalog Name            | <input type="checkbox"/>            | Name of the catalog.  |
| MODIFIED_DATA_CONTAINER_ID         | varchar2(4000) | Data Container ID       | <input type="checkbox"/>            | Data container ID.  |
| MODIFIED_DATE_DO_NOT_REMOVE_BEFORE | datetime       | Do Not Remove Before    | <input type="checkbox"/>            | Time before which not to remove.                                |
| MODIFIED_DATE_REGISTERED           | datetime       | Registered              | <input checked="" type="checkbox"/> | Time of registration.   |
| MODIFIED_EXCEPTION_CODE            | varchar2       | Exception Code          | <input type="checkbox"/>            | Exception code.   |
| MODIFIED_EXCEPTION_TEXT            | varchar2       | Text                    | <input type="checkbox"/>            | Exception text.   |
| MODIFIED_EXECUTION_STEP_ID         | int64          | SQL Execution Step ID   |                                     | ID of the SQL execution step.                                   |
| MODIFIED_GUI_ACTION                | varchar2(240)  | GUI Action              | <input type="checkbox"/>            | Action performed within the user interface.                     |
| MODIFIED_GUI_IP_ADDRESS_EXTERNAL   | varchar2(240)  | GUI External IP Address | <input type="checkbox"/>            | External IP address of the GUI application.                     |
| MODIFIED_GUI_IP_PORT               | uint16         | GUI External IP Port    | <input type="checkbox"/>            | External IP port of the GUI application.                        |

| Name                        | Data Type     | Label                   | Required                            | Documentation   |
|-----------------------------|---------------|-------------------------|-------------------------------------|---|
| MODIFIED_GUI_MACHINE        | varchar2(240) | GUI Machine             | <input type="checkbox"/>            | Name of the machine running the GUI application.                |
| MODIFIED_GUI_MODULE_NAME    | varchar2(240) | GUI Module Name         | <input type="checkbox"/>            | Module within the GUI application currently running.            |
| MODIFIED_GUI_MODULE_VERSION | varchar2(240) | GUI Module Version      | <input type="checkbox"/>            | Version of module within the GUI application currently running. |
| MODIFIED_GUI_OS_USER        | varchar2(240) | GUI OS User             | <input type="checkbox"/>            | OS user.  |
| MODIFIED_GUI_USER           | varchar2(240) | User                    | <input type="checkbox"/>            | Application user.   |
| MODIFIED_LIFE_CYCLE_TYPE    | varchar2(30)  | Life Cycle Type         | <input checked="" type="checkbox"/> | Life cycle type.  |
| MODIFIED_MESSAGE_CODE       | varchar2(30)  | Type                    | <input checked="" type="checkbox"/> | Type.   |
| MODIFIED_PARTITION          | varchar2      | Partition               | <input type="checkbox"/>            | Specific partition on which the I/O was executed.               |
| MODIFIED_POOL_IDENTITY      | varchar2(60)  | Pool Identity           | <input type="checkbox"/>            | Pool identity.  |
| MODIFIED_PROCESS_ID         | uint32        | Process ID              | <input type="checkbox"/>            | Process ID.   |
| MODIFIED_PROVIDER_NAME      | varchar2(240) | Provider Name           | <input type="checkbox"/>            | Name of the provider.   |
| MODIFIED_REQUEST_ID         | varchar2(240) | Request ID              | <input type="checkbox"/>            | Request ID.   |
| MODIFIED_SCHEMA_NAME        | varchar2      | Schema                  | <input type="checkbox"/>            | Name of the schema.   |
| MODIFIED_SESSION_ID         | varchar2(240) | Session ID              | <input type="checkbox"/>            | ID of the session.  |
| MODIFIED_SIZE_BYTES         | int64         | Bytes                   | <input type="checkbox"/>            | Size in bytes.  |
| MODIFIED_SIZE_CHARACTERS    | int64         | Characters              | <input type="checkbox"/>            | Size in characters.   |
| MODIFIED_TABLE_NAME         | varchar2      | Table Name              | <input type="checkbox"/>            | Name of the table.  |
| MODIFIED_TYPE               | varchar2(30)  | Type                    | <input checked="" type="checkbox"/> | Type.   |
| NUMBER_OF_ACTIONS           | int32         | Number of Actions       | <input checked="" type="checkbox"/> | Number of actions.  |
| NUMBER_OF_DELETES           | int32         | Number of Deletes       | <input checked="" type="checkbox"/> | Number of deletes.  |
| NUMBER_OF_READS             | int32         | Number of Reads         | <input checked="" type="checkbox"/> | Number of reads.  |
| NUMBER_OF_WRITES            | int32         | Number of Writes        | <input checked="" type="checkbox"/> | Number of writes.   |
| TOTAL_DELETE_BYTES          | int64         | Total Delete Bytes      | <input checked="" type="checkbox"/> | Total bytes deleted.  |
| TOTAL_DELETE_CHARACTERS     | int64         | Total Delete Characters | <input checked="" type="checkbox"/> | Total characters deleted.                                       |
| TOTAL_READ_BYTES            | int64         | Total Read Bytes        | <input checked="" type="checkbox"/> | Total bytes read.   |
| TOTAL_READ_CHARACTERS       | int64         | Total Read Characters   | <input type="checkbox"/>            | Total characters read.  |
| TOTAL_WRITE_BYTES           | int64         | Total Write Bytes       | <input checked="" type="checkbox"/> | Total bytes written.  |
| TOTAL_WRITE_CHARACTERS      | int64         | Total Write Characters  | <input type="checkbox"/>            | Total characters written.                                       |
| UID                         | guid          | UID                     | <input checked="" type="checkbox"/> | Unique ID.  |

## SYSTEMOAUTHFLOWEVENTS

OAuth flow events.

Catalog: DataDictionary

Schema: Invantive

Alias: oft

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

## View Columns

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

| Name                          | Data Type      | Label                 | Required                            | Documentation                         |
|-------------------------------|----------------|-----------------------|-------------------------------------|---------------------------------------|
| ANONYMIZED_ACCESS_TOKEN       | varchar2       | URL                   |                                     | URL involved.                         |
| ANONYMIZED_AUTHORIZATION_CODE | varchar2       | URL                   |                                     | URL involved.                         |
| ANONYMIZED_CLIENT_SECRET      | varchar2       | URL                   |                                     | URL involved.                         |
| ANONYMIZED_REFRESH_TOKEN      | varchar2       | URL                   |                                     | URL involved.                         |
| CLIENT_ID                     | varchar2       | URL                   |                                     | URL involved.                         |
| DATA_CONTAINER_ALIAS          | varchar2(240)  | Data Container Alias  | <input type="checkbox"/>            | Alias of the data container.          |
| DATA_CONTAINER_ID             | varchar2(4000) | Data Container ID     | <input type="checkbox"/>            | Data container ID.                    |
| DESCRIPTION                   | varchar2(4000) | Description           | <input type="checkbox"/>            | Description.                          |
| EVENT_URL                     | varchar2       | URL                   |                                     | URL involved.                         |
| ID                            | int64          | ID                    |                                     | Unique ID of the column.              |
| MESSAGE_CODE                  | varchar2       | Message Code          | <input type="checkbox"/>            | Message code for the event.           |
| OCCURRENCE_DATE_UTC           | datetime       | Occurrence Date (UTC) | <input checked="" type="checkbox"/> | UTC date at which the event occurred. |
| PROVIDER_INSTANCE_UID         | guid           | Provider Instance UID | <input type="checkbox"/>            | Unique ID of the provider instance.   |
| PROVIDER_NAME                 | varchar2(240)  | Provider Name         | <input type="checkbox"/>            | Name of the provider.                 |
| TOKEN_EXPIRY_DATE_UTC         | datetime       |                       | <input type="checkbox"/>            |                                       |
| UID                           | guid           | UID                   | <input checked="" type="checkbox"/> |                                       |

### SYSTEMPACKAGEFUNCTIONARGUMENTS: Data Dictionary Package Function Arguments

Package functions.

Catalog: DataDictionary

Schema: Invantive

Alias: pfn

Label: Package Function Arguments

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

## View Columns

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

| Name                          | Data Type       | Label                  | Required                            | Documentation                                 |
|-------------------------------|-----------------|------------------------|-------------------------------------|---|
| ARGUMENT_DATA_TYPE            | varchar2(4000)  | Argument Data Type     | <input type="checkbox"/>            | Argument data type.                           |
| ARGUMENT_DEFAULT_VALUE        | varchar2(4000)  | Argument Default Value | <input type="checkbox"/>            | Argument default value.                       |
| ARGUMENT_DOCUMENTATION        | varchar2(8000)  | Argument Documentation | <input type="checkbox"/>            | Argument documentation.                       |
| ARGUMENT_NAME                 | varchar2(240)   | Argument Name          | <input checked="" type="checkbox"/> | Argument name.                                |
| ARGUMENT_POSITION             | number          | Argument Position      | <input checked="" type="checkbox"/> | Argument position.                            |
| ARGUMENT_REQUIRED             | boolean         | Argument Default Value | <input checked="" type="checkbox"/> | Whether a value is required for the argument. |
| FUNCTION_DESCRIPTION          | varchar2(4000)  | Function Description   | <input type="checkbox"/>            | Function description.                         |
| FUNCTION_DOCUMENTATION        | varchar2(16000) | Function Documentation | <input type="checkbox"/>            | Function documentation.                       |
| FUNCTION_NAME                 | varchar2(240)   | Function Name          | <input checked="" type="checkbox"/> | Function name.                                |
| PACKAGE_DESCRIPTION           | varchar2(4000)  | Package Description    | <input checked="" type="checkbox"/> | Package description.                          |
| PACKAGE_DOCUMENTATION         | varchar2(16000) | Package Documentation  | <input type="checkbox"/>            | Package documentation.                        |
| PACKAGE_NAME                  | varchar2(240)   | Package Name           | <input checked="" type="checkbox"/> | Package name.                                 |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias   | <input type="checkbox"/>            | Data container alias.                         |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID  | <input type="checkbox"/>            | Unique ID of the provider instance.           |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name          | <input type="checkbox"/>            | Name of the provider.                         |

### SYSTEMPACKAGEFUNCTIONS: Data Dictionary Package Functions

Package function arguments.

Catalog: DataDictionary

Schema: Invantive

Alias: pft

Label: Package Functions

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

### View Columns

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

| Name                 | Data Type      | Label                | Required                 | Documentation         |
|----------------------|----------------|----------------------|--------------------------|-----------------------|
| FUNCTION_DESCRIPTION | varchar2(4000) | Function Description | <input type="checkbox"/> | Function description. |

| Name                          | Data Type       | Label                       | Required                            | Documentation                            |
|-------------------------------|-----------------|-----------------------------|-------------------------------------|--|
| FUNCTION_DOCUMENTATION        | varchar2(16000) | Function Documenta-<br>tion | <input type="checkbox"/>            | Function documentation.                  |
| FUNCTION_NAME                 | varchar2(240)   | Function Name               | <input checked="" type="checkbox"/> | Function name.                           |
| PACKAGE_DESCRIPTION           | varchar2(4000)  | Package Description         | <input checked="" type="checkbox"/> | Package description.                     |
| PACKAGE_DOCUMENTATION         | varchar2(16000) | Package Documenta-<br>tion  | <input type="checkbox"/>            | Package documentation.                   |
| PACKAGE_NAME                  | varchar2(240)   | Package Name                | <input checked="" type="checkbox"/> | Package name.                            |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias        | <input type="checkbox"/>            | Data container alias.                    |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID       | <input type="checkbox"/>            | Unique ID of the provider in-<br>stance. |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name               | <input type="checkbox"/>            | Name of the provider.                    |

### SYSTEMPACKAGES: Data Dictionary Packages

Packages.

Catalog: DataDictionary

Schema: Invantive

Alias: pke

Label: Packages

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

### View Columns

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

| Name                          | Data Type       | Label                      | Required                            | Documentation                            |
|-------------------------------|-----------------|----------------------------|-------------------------------------|--|
| PACKAGE_DESCRIPTION           | varchar2(4000)  | Package Description        | <input checked="" type="checkbox"/> | Package description.                     |
| PACKAGE_DOCUMENTATION         | varchar2(16000) | Package Documenta-<br>tion | <input type="checkbox"/>            | Package documentation.                   |
| PACKAGE_NAME                  | varchar2(240)   | Package Name               | <input checked="" type="checkbox"/> | Package name.                            |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias       | <input type="checkbox"/>            | Data container alias.                    |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID      | <input type="checkbox"/>            | Unique ID of the provider in-<br>stance. |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name              | <input type="checkbox"/>            | Name of the provider.                    |

**SYSTEMPARTITIONS: Data Dictionary Partitions**

Partitions for all active data containers.

Catalog: DataDictionary

Schema: Invantive

Alias: ptn

Label: Partitions

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

**View Columns**

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

| Name                         | Data Type      | Label                              | Required                            | Documentation   |
|------------------------------|----------------|------------------------------------|-------------------------------------|---|
| ALLOW_WRITE                  | char           | Allow Write                        | <input checked="" type="checkbox"/> | Whether the partition allow s w rites.                      |
| CODE                         | varchar2(240)  | Code                               | <input checked="" type="checkbox"/> | Unique code of the partition.                               |
| COMPANY_ADDRESS              | varchar2(4000) | Company Address                    | <input type="checkbox"/>            | Address of the company of the partition.                    |
| COMPANY_CITY                 | varchar2(4000) | Company City                       | <input type="checkbox"/>            | City of the company of the parti-tion.                      |
| COMPANY_COC_NUMBER           | varchar2(4000) | Company Chamber of Commerce Number | <input type="checkbox"/>            | Chamber of Commerce number of the company of the partition. |
| COMPANY_COUNTRY              | varchar2(4000) | Company Country                    | <input type="checkbox"/>            | Country of the company of the partition.                    |
| COMPANY_EMAIL_ADDRESS        | varchar2(4000) | Company Email Ad-dress             | <input type="checkbox"/>            | Email address of the company of the partition.              |
| COMPANY_IBAN_NUMBER          | varchar2(4000) | Company IBAN Num-ber               | <input type="checkbox"/>            | IBAN number of the company of the partition.                |
| COMPANY_NAME                 | varchar2(4000) | Company Name                       | <input type="checkbox"/>            | Name of the company of the par-tition.                      |
| COMPANY_PHONE                | varchar2(4000) | Company Phone                      | <input type="checkbox"/>            | Phone of the company of the partition.                      |
| COMPANY_POSTAL_CODE          | varchar2(4000) | Company ZIP Code                   | <input type="checkbox"/>            | ZIP-code of the company of the partition.                   |
| COMPANY_RSIN_NUMBER          | varchar2(4000) | Company RSIN Num-ber               | <input type="checkbox"/>            | RSIN number of the company of the partition.                |
| COMPANY_SERVER_MOVE_DATE.UTC | datetime       | Company Server Move Date (UTC)     | <input type="checkbox"/>            | Last server move date of the company.                       |
| COMPANY_STATE                | varchar2(4000) | Company State                      | <input type="checkbox"/>            | State of the company of the par-tition.                     |
| COMPANY_TWITTER_ACCOUNT      | varchar2(4000) | Company Tw itter Ac-count          | <input type="checkbox"/>            | Tw itter account of the company of the partition.           |
| COMPANY_VAT_NUMBER           | varchar2(4000) | Company VAT Number                 | <input type="checkbox"/>            | VAT number of the company of the partition.                 |
| COMPANY_WAGE_TAX_NUMBER      | varchar2(4000) | Company Wage Tax Number            | <input type="checkbox"/>            | Wage tax number of the com-pany of the partition.           |

| Name                               | Data Type      | Label                              | Required                            | Documentation   |
|------------------------------------|----------------|------------------------------------|-------------------------------------|---|
| COMPANY_WEB_SITE                   | varchar2(4000) | Company Web Site                   | <input type="checkbox"/>            | Web site of the company of the partition.                     |
| CONSUMPTION_LAST_CALL              | int64          | Consumption Last Call              | <input type="checkbox"/>            |   |
| CREATED_UTC                        | datetime       | Created                            |                                     | When the partition was created (UTC).                         |
| DAILY_LIMIT                        | int64          | Maximum Calls per Day              | <input type="checkbox"/>            |   |
| DAILY_REMAINING                    | int64          | Remaining Calls Today              | <input type="checkbox"/>            |   |
| DAILY_RESET_DATE_UTC               | datetime       | Reset Time                         | <input type="checkbox"/>            |   |
| DAILY_USED                         | int64          | Calls Made Today                   | <input type="checkbox"/>            |   |
| DESCRIPTION                        | varchar2(4000) | Description                        | <input type="checkbox"/>            | Description.  |
| FIRST_DAILY_REMAINING              | int64          | First Remaining Calls              | <input type="checkbox"/>            |   |
| FIRST_MEASUREMENT_UTC              | datetime       | First Measurement Moment           | <input type="checkbox"/>            |   |
| FIRST_MINUTELY_REMAINING           | int64          | First Remaining Calls per Minute   | <input type="checkbox"/>            |   |
| FIRST_USE_UTC                      | datetime       | First Use                          |                                     | When the partition has been used first in this session (UTC). |
| INSTANCE_UID                       | guid           |                                    | <input checked="" type="checkbox"/> | Unique ID of the instance.                                    |
| IS_ACTIVE                          | char           | Active                             |                                     | Whether the partition is active.                              |
| IS_ARCHIVED                        | char           | Archived                           |                                     | Whether the partition is archived.                            |
| IS_SELECTED_BY_DEFAULT             | char           | Selected by Default                |                                     | Whether the partition is selected by default.                 |
| IS_SELECTED                        | char           | Selected                           | <input checked="" type="checkbox"/> | Whether the partition is currently selected.                  |
| IS_USED                            | char           | Used                               |                                     | Whether the partition has been used in this session.          |
| LABEL                              | varchar2(4000) | Label                              | <input checked="" type="checkbox"/> | Label for use in lists.                                       |
| LAST_MEASUREMENT_UTC               | datetime       | Measurement Moment                 | <input type="checkbox"/>            |   |
| LAST_UPDATE_REMOTE_CORRELATION_IDS | varchar2(1024) | Last Update Remote Correlation IDs | <input type="checkbox"/>            | Request ID.   |
| LAST_UPDATE_REQUEST_ID             | varchar2(60)   | Last Updated Request ID            | <input type="checkbox"/>            | Request ID.   |
| MASTER_ROLL_UP                     | varchar2(4000) | Master Roll-up                     | <input type="checkbox"/>            | Master roll-up.   |
| MINUTELY_LIMIT                     | int64          | Maximum Remaining Calls per Minute | <input type="checkbox"/>            |   |
| MINUTELY_REMAINING                 | int64          | Remaining Calls per Minute         | <input type="checkbox"/>            |   |
| MINUTELY_RESET_DATE_UTC            | datetime       | Reset Time per Minute              | <input type="checkbox"/>            |   |
| MODIFIED_UTC                       | datetime       | Modified                           |                                     | When the partition was last modified (UTC).                   |
| NAME                               | varchar2(4000) | Name                               | <input type="checkbox"/>            | Name.   |
| PREVIOUS_DAILY_REMAINING           | int64          | Previous Remaining Calls           | <input type="checkbox"/>            |   |

| Name                                | Data Type       | Label                               | Required                            | Documentation   |
|-------------------------------------|-----------------|-------------------------------------|-------------------------------------|---|
| PREVIOUS_DAY_DAILY_REMAINING        | int64           | Previous Day Remaining Calls        | <input type="checkbox"/>            |   |
| PREVIOUS_DAY_DAILY_TIMESTAMP_UTC    | datetime        | Previous Day Timestamp              | <input type="checkbox"/>            |   |
| PREVIOUS_HOUR_DAILY_REMAINING       | int64           | Previous Hour Remaining Calls       | <input type="checkbox"/>            |   |
| PREVIOUS_HOUR_DAILY_TIMESTAMP_UTC   | datetime        | Previous Hour Timestamp             | <input type="checkbox"/>            |   |
| PREVIOUS_MEASUREMENT_UTC            | datetime        | Previous Measurement Moment         | <input type="checkbox"/>            |   |
| PREVIOUS_MINUTE_DAILY_REMAINING     | int64           | Previous Minute Remaining Calls     | <input type="checkbox"/>            |   |
| PREVIOUS_MINUTE_DAILY_TIMESTAMP_UTC | datetime        | Previous Minute Timestamp           | <input type="checkbox"/>            |   |
| PREVIOUS_MINUTELY_REMAINING         | int64           | Previous Remaining Calls per Minute | <input type="checkbox"/>            |   |
| PROVIDER_DATA_CONTAINER_ALIAS       | varchar2(4000)  | Data Container Alias                | <input type="checkbox"/>            | Data container alias.                                 |
| PROVIDER_DATA_CONTAINER_ID          | varchar2(4000)  | Data Container ID                   | <input checked="" type="checkbox"/> | Data container ID.                                    |
| PROVIDER_DESCRIPTION                | varchar2(16000) | Provider Description                | <input checked="" type="checkbox"/> | Provider description.                                 |
| PROVIDER_INSTANCE_UID               | guid            | Provider Instance UID               | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                   |
| PROVIDER_NAME                       | varchar2(240)   | Provider Name                       | <input checked="" type="checkbox"/> | Name of the provider.                                 |
| PROVIDER_SHORT_NAME                 | varchar2(240)   | Provider Short Name                 | <input checked="" type="checkbox"/> | Provider short name.                                  |
| ROLL_UP                             | varchar2(4000)  | Roll-up                             | <input type="checkbox"/>            | Roll-up.  |
| SELECTED_LAST_MODIFIED_UTC          | datetime        |                                     | <input checked="" type="checkbox"/> | When the partition selection was last modified (UTC). |
| SELECTED_LAST_SET_UTC               | datetime        |                                     | <input type="checkbox"/>            | When the partition selection was last set (UTC).      |
| SELECTED_LAST_UNSET_UTC             | datetime        |                                     | <input type="checkbox"/>            | When the partition selection was last unset (UTC).    |
| SESSION_IO_BYTES_RECEIVED_OTHER     | int64           | I/O Execution Bytes Received Other  | <input type="checkbox"/>            | Number of bytes sent (other).                         |
| SESSION_IO_BYTES_RECEIVED_OVERALL   | int64           | I/O Execution Bytes Received        | <input type="checkbox"/>            | Number of bytes sent overall.                         |
| SESSION_IO_BYTES_RECEIVED_READ      | int64           | I/O Execution Bytes Received Read   | <input type="checkbox"/>            | Number of bytes sent for read.                        |
| SESSION_IO_BYTES_RECEIVED_WRITE     | int64           | I/O Execution Bytes Received Write  | <input type="checkbox"/>            | Number of bytes sent for write.                       |
| SESSION_IO_BYTES_SENT_OTHER         | int64           | I/O Execution Bytes Sent Other      | <input type="checkbox"/>            | Number of bytes received (other).                     |
| SESSION_IO_BYTES_SENT_OVERALL       | int64           | I/O Execution Bytes Sent            | <input type="checkbox"/>            | Number of bytes received overall.                     |
| SESSION_IO_BYTES_SENT_READ          | int64           | I/O Execution Bytes Sent Read       | <input type="checkbox"/>            | Number of bytes received for read.                    |

| Name                               | Data Type      | Label                             | Required                 | Documentation   |
|------------------------------------|----------------|-----------------------------------|--------------------------|---|
| SESSION_IO_BYTES_SENT_WRITE        | int64          | I/O Execution Bytes Sent Write    | <input type="checkbox"/> | Number of bytes received for write.                         |
| SESSION_IO_DURATION_MS_OTHER       | int64          | I/O Execution Duration Other (ms) | <input type="checkbox"/> | Total duration for other in milliseconds.                   |
| SESSION_IO_DURATION_MS_OVERALL     | int64          | I/O Execution Duration (ms)       | <input type="checkbox"/> | Total duration overall in milliseconds.                     |
| SESSION_IO_DURATION_MS_READ        | int64          | I/O Execution Duration Read (ms)  | <input type="checkbox"/> | Total duration for read in milliseconds.                    |
| SESSION_IO_DURATION_MS_WRITE       | int64          | I/O Execution Duration Write (ms) | <input type="checkbox"/> | Total duration for write in milliseconds.                   |
| SESSION_IO_EXECUTION_COUNT_OTHER   | int64          | I/O Execution Count Other         | <input type="checkbox"/> | Number of I/Os executed (other).                            |
| SESSION_IO_EXECUTION_COUNT_OVERALL | int64          | I/O Execution Count               | <input type="checkbox"/> | Number of I/Os executed overall.                            |
| SESSION_IO_EXECUTION_COUNT_READ    | int64          | I/O Execution Count Read          | <input type="checkbox"/> | Number of I/Os executed for read.                           |
| SESSION_IO_EXECUTION_COUNT_WRITE   | int64          | I/O Execution Count Write         | <input type="checkbox"/> | Number of I/Os executed for write.                          |
| SHORT_NAME                         | varchar2(4000) | Short Name                        | <input type="checkbox"/> | Short name.   |
| SUBSCRIPTION_HOLDER_ADDRESS_LINE_1 | varchar2(4000) | Company Address Line 1            | <input type="checkbox"/> | Address line 1 of the subscription holder of the partition. |
| SUBSCRIPTION_HOLDER_ADDRESS_LINE_2 | varchar2(4000) | Company Address Line 2            | <input type="checkbox"/> | Address line 2 of the subscription holder of the partition. |
| SUBSCRIPTION_HOLDER_ADDRESS_LINE_3 | varchar2(4000) | Company Address Line 3            | <input type="checkbox"/> | Address line 3 of the subscription holder of the partition. |
| SUBSCRIPTION_HOLDER_CITY           | varchar2(4000) | Company City                      | <input type="checkbox"/> | City of the subscription holder of the partition.           |
| SUBSCRIPTION_HOLDER_CO_C_NUMBER    | varchar2(4000) | Company CoC Number                | <input type="checkbox"/> | CoC number of the subscription holder of the partition.     |
| SUBSCRIPTION_HOLDER_CODE           | varchar2(4000) | Owner Company Code                | <input type="checkbox"/> | Code of the subscription holder of the partition.           |
| SUBSCRIPTION_HOLDER_COUNTRY        | varchar2(4000) | Company Country                   | <input type="checkbox"/> | Country of the subscription holder of the partition.        |
| SUBSCRIPTION_HOLDER_EMAIL_ADDRESS  | varchar2(4000) | Company Email Address             | <input type="checkbox"/> | Email address of the subscription holder of the partition.  |
| SUBSCRIPTION_HOLDER_GUID           | guid           | Owner Company GUID                | <input type="checkbox"/> | Unique GUID of the subscription holder of the partition.    |
| SUBSCRIPTION_HOLDER_ID             | varchar2(4000) | Owner Company ID                  | <input type="checkbox"/> | Unique ID of the subscription holder of the partition.      |
| SUBSCRIPTION_HOLDER_LEGAL_FORM     | varchar2(4000) | Company Legal Form                | <input type="checkbox"/> | Legal form of the subscription holder of the partition.     |
| SUBSCRIPTION_HOLDER_NAME           | varchar2(4000) | Owner Company Name                | <input type="checkbox"/> | Name of the subscription holder of the partition.           |
| SUBSCRIPTION_HOLDER_PHONE          | varchar2(4000) | Company Phone                     | <input type="checkbox"/> | Phone number of the subscription holder of the partition.   |
| SUBSCRIPTION_HOLDER_POSTAL_CODE    | varchar2(4000) | Company ZIP Code                  | <input type="checkbox"/> | Postal code of the subscription holder of the partition.    |
| SUBSCRIPTION_HOLDER_SBI_CODE       | varchar2(4000) | Company SBI Code                  | <input type="checkbox"/> | SBI code of the subscription holder of the partition.       |

| Name                           | Data Type      | Label                    | Required                 | Documentation   |
|--------------------------------|----------------|--------------------------|--------------------------|---|
| SUBSCRIPTION_HOLDER_VAT_NUMBER | varchar2(4000) | Company VAT Number       | <input type="checkbox"/> | VAT number of the subscription holder of the partition. |
| SUBSCRIPTION_HOLDER_WEB_SITE   | varchar2(4000) | Company Website          | <input type="checkbox"/> | Website of the subscription holder of the partition.    |
| UPDATE_COUNT                   | int64          | Update Count             | <input type="checkbox"/> |   |
| UPDATE_WITH_CHANGE_COUNT       | int64          | Update with Change Count | <input type="checkbox"/> |   |

### SYSTEMPARTITIONSTATISTICS: Data Dictionary System Partition Statistics

Statistics per partitions for all active data containers.

Catalog: DataDictionary

Schema: Invantive

Alias: psc

Label: System Partition Statistics

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

## View Columns

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

| Name                          | Data Type       | Label                          | Required                            | Documentation   |
|-------------------------------|-----------------|--------------------------------|-------------------------------------|---|
| COMPANY_SERVER_MOVE_DATE_UTC  | datetime        | Company Server Move Date (UTC) | <input type="checkbox"/>            | Last server move date of the company.                       |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias           | <input type="checkbox"/>            | Data container alias.                                       |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID              | <input type="checkbox"/>            | Data container ID.  |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description           | <input checked="" type="checkbox"/> | Provider description.                                       |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID          | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                         |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name                  | <input checked="" type="checkbox"/> | Name of the provider.                                       |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name            | <input checked="" type="checkbox"/> | Provider short name.  |
| PTN_ALLOW_WRITE               | char            | Partition Allow Write          | <input checked="" type="checkbox"/> | Whether the partition allows writes.                        |
| PTN_CODE                      | varchar2(240)   | Partition Code                 | <input checked="" type="checkbox"/> | Unique code of the partition.                               |
| PTN_COMPANY_ADDRESS           | varchar2(4000)  | Partition Company Address      | <input type="checkbox"/>            | Address of the company of the partition.                    |
| PTN_COMPANY_CITY              | varchar2(4000)  | Partition Company City         | <input type="checkbox"/>            | City of the company of the partition.                       |
| PTN_COMPANY_COC_NUMBER        | varchar2(4000)  | Partition Company CoC Number   | <input type="checkbox"/>            | Chamber of Commerce number of the company of the partition. |

| Name                           | Data Type      | Label                             | Required                            | Documentation   |
|--------------------------------|----------------|-----------------------------------|-------------------------------------|---|
| PTN_COMPANY_COUNTRY            | varchar2(4000) | Partition Company Country         | <input type="checkbox"/>            | Country of the company of the partition.                      |
| PTN_COMPANY_EMAIL_ADDRESS      | varchar2(4000) | Partition Company Email Address   | <input type="checkbox"/>            | Email address of the company of the partition.                |
| PTN_COMPANY_IBAN_NUMBER        | varchar2(4000) | Company IBAN Number               | <input type="checkbox"/>            | IBAN number of the company of the partition.                  |
| PTN_COMPANY_NAME               | varchar2(4000) | Partition Company Name            | <input type="checkbox"/>            | Name of the company of the partition.                         |
| PTN_COMPANY_PHONE              | varchar2(4000) | Partition Company Phone           | <input type="checkbox"/>            | Phone of the company of the partition.                        |
| PTN_COMPANY_POSTAL_CODE        | varchar2(4000) | Partition Company ZIP Code        | <input type="checkbox"/>            | ZIP-code of the company of the partition.                     |
| PTN_COMPANY_RSIN_NUMBER        | varchar2(4000) | Company RSIN Number               | <input type="checkbox"/>            | RSIN number of the company of the partition.                  |
| PTN_COMPANY_STATE              | varchar2(4000) | Partition Company State           | <input type="checkbox"/>            | State of the company of the partition.                        |
| PTN_COMPANY_TWITTER_ACCOUNT    | varchar2(4000) | Partition Company Twitter Account | <input type="checkbox"/>            | Twitter account of the company of the partition.              |
| PTN_COMPANY_VAT_NUMBER         | varchar2(4000) | Partition Company VAT Number      | <input type="checkbox"/>            | VAT number of the company of the partition.                   |
| PTN_COMPANY_WAGE_TAX_NUMBER    | varchar2(4000) | Partition Company Wage Tax Number | <input type="checkbox"/>            | Wage tax number of the company of the partition.              |
| PTN_COMPANY_WEB_SITE           | varchar2(4000) | Partition Company Web Site        | <input type="checkbox"/>            | Web site of the company of the partition.                     |
| PTN_CREATED_UTC                | datetime       | Partition Created                 |                                     | When the partition was created (UTC).                         |
| PTN_DESCRIPTION                | varchar2(4000) | Partition Description             | <input type="checkbox"/>            | Description.  |
| PTN_FIRST_USE_UTC              | datetime       | Partition First Use               |                                     | When the partition has been used first in this session (UTC). |
| PTN_INSTANCE_UID               | guid           |                                   | <input checked="" type="checkbox"/> | Unique ID of the instance.                                    |
| PTN_IS_SELECTED_BY_DEFAULT     | char           | Partition Selected by Default     |                                     | Whether the partition is selected by default.                 |
| PTN_IS_SELECTED                | char           | Partition Selected                | <input checked="" type="checkbox"/> | Whether the partition is currently selected.                  |
| PTN_IS_USED                    | char           | Partition Used                    |                                     | Whether the partition has been used in this session.          |
| PTN_LABEL                      | varchar2(4000) | Partition Label                   | <input checked="" type="checkbox"/> | Label for use in lists.                                       |
| PTN_MASTER_ROLL_UP             | varchar2(4000) | Partition Master Roll-up          | <input type="checkbox"/>            | Master roll-up.   |
| PTN_MODIFIED_UTC               | datetime       | Partition Modified                |                                     | When the partition was last modified (UTC).                   |
| PTN_NAME                       | varchar2(4000) | Partition Name                    | <input type="checkbox"/>            | Name.   |
| PTN_ROLL_UP                    | varchar2(4000) | Partition Roll-up                 | <input type="checkbox"/>            | Roll-up.  |
| PTN_SELECTED_LAST_MODIFIED_UTC | datetime       |                                   | <input checked="" type="checkbox"/> | When the partition selection was last modified (UTC).         |

| Name                        | Data Type      | Label                  | Required                            | Documentation   |
|-----------------------------|----------------|------------------------|-------------------------------------|---|
| PTN_SELECTED_LAST_SET_UTC   | datetime       |                        | <input type="checkbox"/>            | When the partition selection was last set (UTC).      |
| PTN_SELECTED_LAST_UNSET_UTC | datetime       |                        | <input type="checkbox"/>            | When the partition selection was last unset (UTC).    |
| PTN_SHORT_NAME              | varchar2(4000) | Partition Short Name   | <input type="checkbox"/>            | Short name.   |
| STC_CODE                    | varchar2(240)  | Code                   | <input checked="" type="checkbox"/> | Unique code of the partition statistic.               |
| STC_CREATION_DATE_UTC       | datetime       | Creation Date          | <input type="checkbox"/>            | Date at which the entry was originally created (UTC). |
| STC_DESCRIPTION             | varchar2(240)  | Description            | <input type="checkbox"/>            | Description of the partition statistic.               |
| STC_IS_STANDARD             | char           | Is Standard?           | <input checked="" type="checkbox"/> | Is the statistic a standard statistic?                |
| STC_REDUCED_ACCURACY_VALUE  | varchar2(240)  | Reduced Accuracy Value | <input type="checkbox"/>            | Reduced accuracy value of the partition statistic.    |
| STC_TYPE                    | varchar2(240)  | Value Type             | <input checked="" type="checkbox"/> | Type of value of the partition statistic.             |
| STC_VALUE                   | varchar2(240)  | Value                  | <input type="checkbox"/>            | Value of the partition statistic.                     |

### SYSTEMPARTITIONTAGS: Data Dictionary System Partition Tags

Tags per partitions for all active data containers.

Catalog: DataDictionary

Schema: Invantive

Alias: ptg

Label: System Partition Tags

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

### View Columns

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

| Name                          | Data Type       | Label                 | Required                            | Documentation                       |
|-------------------------------|-----------------|-----------------------|-------------------------------------|-------------------------------------|
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.               |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.                  |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.               |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance. |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.               |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.                |

| Name                             | Data Type      | Label                             | Required                            | Documentation   |
|----------------------------------|----------------|-----------------------------------|-------------------------------------|---|
| PTN_ALLOW_WRITE                  | char           | Partition Allow Write             | <input checked="" type="checkbox"/> | Whether the partition allow s writes.                         |
| PTN_CODE                         | varchar2(240)  | Partition Code                    | <input checked="" type="checkbox"/> | Unique code of the partition.                                 |
| PTN_COMPANY_ADDRESS              | varchar2(4000) | Partition Company Address         | <input type="checkbox"/>            | Address of the company of the partition.                      |
| PTN_COMPANY_CITY                 | varchar2(4000) | Partition Company City            | <input type="checkbox"/>            | City of the company of the partition.                         |
| PTN_COMPANY_COC_NUMBER           | varchar2(4000) | Partition Company CoC Number      | <input type="checkbox"/>            | Chamber of Commerce number of the company of the partition.   |
| PTN_COMPANY_COUNTRY              | varchar2(4000) | Partition Company Country         | <input type="checkbox"/>            | Country of the company of the partition.                      |
| PTN_COMPANY_EMAIL_ADDRESS        | varchar2(4000) | Partition Company Email Address   | <input type="checkbox"/>            | Email address of the company of the partition.                |
| PTN_COMPANY_IBAN_NUMBER          | varchar2(4000) | Company IBAN Number               | <input type="checkbox"/>            | IBAN number of the company of the partition.                  |
| PTN_COMPANY_NAME                 | varchar2(4000) | Partition Company Name            | <input type="checkbox"/>            | Name of the company of the partition.                         |
| PTN_COMPANY_PHONE                | varchar2(4000) | Partition Company Phone           | <input type="checkbox"/>            | Phone of the company of the partition.                        |
| PTN_COMPANY_POSTAL_CODE          | varchar2(4000) | Partition Company ZIP Code        | <input type="checkbox"/>            | ZIP-code of the company of the partition.                     |
| PTN_COMPANY_RSIN_NUMBER          | varchar2(4000) | Company RSIN Number               | <input type="checkbox"/>            | RSIN number of the company of the partition.                  |
| PTN_COMPANY_SERVER_MOVE_DATE_UTC | datetime       | Company Server Move Date (UTC)    | <input type="checkbox"/>            | Last server move date of the company.                         |
| PTN_COMPANY_STATE                | varchar2(4000) | Partition Company State           | <input type="checkbox"/>            | State of the company of the partition.                        |
| PTN_COMPANY_TWITTER_ACCOUNT      | varchar2(4000) | Partition Company Twitter Account | <input type="checkbox"/>            | Twitter account of the company of the partition.              |
| PTN_COMPANY_VAT_NUMBER           | varchar2(4000) | Partition Company VAT Number      | <input type="checkbox"/>            | VAT number of the company of the partition.                   |
| PTN_COMPANY_WAGE_TAX_NUMBER      | varchar2(4000) | Partition Company Wage Tax Number | <input type="checkbox"/>            | Wage tax number of the company of the partition.              |
| PTN_COMPANY_WEB_SITE             | varchar2(4000) | Partition Company Web Site        | <input type="checkbox"/>            | Web site of the company of the partition.                     |
| PTN_CREATED_UTC                  | datetime       | Partition Created                 |                                     | When the partition was created (UTC).                         |
| PTN_DESCRIPTION                  | varchar2(4000) | Partition Description             | <input type="checkbox"/>            | Description.  |
| PTN_FIRST_USE_UTC                | datetime       | Partition First Use               |                                     | When the partition has been used first in this session (UTC). |
| PTN_INSTANCE_UID                 | guid           |                                   | <input checked="" type="checkbox"/> | Unique ID of the instance.                                    |
| PTN_IS_SELECTED_BY_DEFAULT       | char           | Partition Selected by Default     |                                     | Whether the partition is selected by default.                 |
| PTN_IS_SELECTED                  | char           | Partition Selected                | <input checked="" type="checkbox"/> | Whether the partition is currently selected.                  |
| PTN_IS_USED                      | char           | Partition Used                    |                                     | Whether the partition has been used in this session.          |

| Name                           | Data Type      | Label                    | Required                            | Documentation   |
|--------------------------------|----------------|--------------------------|-------------------------------------|---|
| PTN_LABEL                      | varchar2(4000) | Partition Label          | <input checked="" type="checkbox"/> | Label for use in lists.                               |
| PTN_MASTER_ROLL_UP             | varchar2(4000) | Partition Master Roll-up | <input type="checkbox"/>            | Master roll-up.                                       |
| PTN_MODIFIED_UTC               | datetime       | Partition Modified       |                                     | When the partition was last modified (UTC).           |
| PTN_NAME                       | varchar2(4000) | Partition Name           | <input type="checkbox"/>            | Name.   |
| PTN_ROLL_UP                    | varchar2(4000) | Partition Roll-up        | <input type="checkbox"/>            | Roll-up.  |
| PTN_SELECTED_LAST_MODIFIED_UTC | datetime       |                          | <input checked="" type="checkbox"/> | When the partition selection was last modified (UTC). |
| PTN_SELECTED_LAST_SET_UTC      | datetime       |                          | <input type="checkbox"/>            | When the partition selection was last set (UTC).      |
| PTN_SELECTED_LAST_UNSET_UTC    | datetime       |                          | <input type="checkbox"/>            | When the partition selection was last unset (UTC).    |
| PTN_SHORT_NAME                 | varchar2(4000) | Partition Short Name     | <input type="checkbox"/>            | Short name.   |
| SEQ_NR                         | int32          | Sequences                |                                     | Unique sequence number of the tag for the partition.  |
| TAG_CODE                       | varchar2(240)  | Code                     | <input checked="" type="checkbox"/> | Unique code of the partition tag.                     |
| TAG_CREATION_DATE              | datetime       | Creation Date            |                                     | Date at which the entry was originally created.       |
| TAG_CREATOR                    | varchar2(240)  | Creator                  | <input type="checkbox"/>            | Person that first assigned a value.                   |
| TAG_DOMAIN_CODE                | varchar2(240)  | Domain Code              | <input checked="" type="checkbox"/> | Domain of the code of the partition tag.              |
| TAG_TYPE                       | varchar2(240)  | Value Type               | <input checked="" type="checkbox"/> | Type of value of the partition tag.                   |
| TAG_UPDATE_DATE                | datetime       | Update Date              |                                     | Date at which the entry was last modified.            |
| TAG_UPDATER                    | varchar2(240)  | Updater                  | <input type="checkbox"/>            | Person that last assigned a value.                    |
| TAG_VALUE                      | varchar2(240)  | Value                    | <input type="checkbox"/>            | Value of the partition tag.                           |

### SYSTEMPROPERTIES: Data Dictionary System Properties and Their Values

Properties and their values of Invantive's UniversalSQL engine.

Catalog: DataDictionary

Schema: Invantive

Alias: ppy

Label: System Properties and Their Values

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

### View Columns

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

| Name        | Data Type      | Label       | Required                            | Documentation                  |
|-------------|----------------|-------------|-------------------------------------|--------------------------------|
| CLASS_NAME  | varchar2(240)  | Class Name  | <input type="checkbox"/>            | Internal class name.           |
| DESCRIPTION | varchar2(4000) | Description | <input type="checkbox"/>            | Description.                   |
| NAME        | varchar2(240)  | Name        | <input checked="" type="checkbox"/> | Name of the property.          |
| VALUE       | varchar2(4000) | Value       | <input type="checkbox"/>            | Current value of the property. |

### SYSTEMPROVIDERATTRIBUTES: Data Dictionary System Provider Attributes

Attributes per registered and licensed provider.

Catalog: DataDictionary

Schema: Invantive

Alias: pae

Label: System Provider Attributes

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

## View Columns

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

| Name                                  | Data Type      | Label                                 | Required                            | Documentation  |
|---------------------------------------|----------------|---------------------------------------|-------------------------------------|--|
| ALLOW_DISPLAY                         | char           | Allow Display                         | <input type="checkbox"/>            | Whether to allow displaying the value.                     |
| ALLOW_SET_FROM_CONNECTION_STRING      | char           | Allow Set from Connection String      | <input type="checkbox"/>            | Whether to allow setting the value from connection string. |
| ALLOW_SET_FROM_LOG_ON                 | char           | Allow Set from Log On                 | <input type="checkbox"/>            | Whether to allow setting the value from log on window .    |
| ALLOW_SET_FROM_PROVIDER_FILE          | char           | Allow Set from Provider File          | <input type="checkbox"/>            | Whether to allow setting the value from provider file.     |
| ALLOW_SET_FROM_SET_STATEMENT          | char           | Allow Set from Set Statement          | <input type="checkbox"/>            | Whether to allow setting the value from set SQL statement. |
| CATEGORY                              | varchar2(4000) | Category                              | <input type="checkbox"/>            | Category of the attribute.                                 |
| CODE                                  | varchar2(240)  | Code                                  | <input checked="" type="checkbox"/> | Code of the attribute.                                     |
| DEFAULT_VALUE                         | varchar2(4000) | Default Value                         | <input type="checkbox"/>            | Default value of the property.                             |
| DEFINING_TYPE_ASSEMBLY_QUALIFIED_NAME | varchar2(240)  | Defining Type Assembly Qualified Name | <input type="checkbox"/>            | Assembly qualified name of the defining type.              |
| DEFINING_TYPE_NAME                    | varchar2(240)  | Defining Type Name                    | <input type="checkbox"/>            | Name of the defining type.                                 |

| Name  | Data Type       | Label                               | Required                            | Documentation                                       |
|---|-----------------|-------------------------------------|-------------------------------------|---|
| DEFINING_TYPE_NAMESPACE                       | varchar2(240)   | Defining Type Namespace             | <input type="checkbox"/>            | Namespace of the defining type.                     |
| DEFINING_TYPE_PROVIDER_DESCRIPTION            | varchar2(4000)  | Defining Type Provider Description  | <input type="checkbox"/>            | Description of the provider for the defining type.  |
| DEFINING_TYPE_PROVIDER_DISPLAY_NAME           | varchar2(240)   | Defining Type Provider Display Name | <input type="checkbox"/>            | Display name of the provider for the defining type. |
| DEFINING_TYPE_PROVIDER_NAME                   | varchar2(240)   | Defining Type Provider Name         | <input type="checkbox"/>            | Name of the provider for the defining type.         |
| DESCRIPTION                                   | varchar2(4000)  | Description                         | <input checked="" type="checkbox"/> | Description of the attribute.                       |
| DISPLAY_ORDER                                 | int32           | Display Order                       | <input checked="" type="checkbox"/> | Display order.                                      |
| EXPLANATION                                   | varchar2(4000)  | Explanation                         | <input type="checkbox"/>            | Explanation of the attribute.                       |
| HAS_GETTER                                    | char            | Has Getter                          |                                     | Whether the attribute has a get method.             |
| HAS_SETTER                                    | char            | Has Setter                          |                                     | Whether the attribute has a set method.             |
| OBSOLETE                                      | char            | Obsoleted                           |                                     | Whether the attribute is obsoleted.                 |
| ORIGIN  | varchar2(4000)  | Origin                              | <input checked="" type="checkbox"/> | Origin of the current value of the property.        |
| PROVIDER_COMMUNITY_EDITION                    | char            | Is Community Edition                | <input checked="" type="checkbox"/> | Is application software offered for free?           |
| PROVIDER_DATA_CONTAINER_ALIAS                 | varchar2(4000)  | Data Container Alias                | <input type="checkbox"/>            | Data container alias.                               |
| PROVIDER_DATA_CONTAINER_ID                    | varchar2(4000)  | Data Container ID                   | <input type="checkbox"/>            | Data container ID.                                  |
| PROVIDER_DESCRIPTION                          | varchar2(16000) | Provider Description                | <input checked="" type="checkbox"/> | Provider description.                               |
| PROVIDER_DOCUMENTATION_URL                    | varchar2(4000)  | Documentation (URL)                 | <input type="checkbox"/>            | Documentation URL.                                  |
| PROVIDER_DOCUMENTATION                        | varchar2(32767) | Provider Documentation              | <input type="checkbox"/>            | Documentation of the provider.                      |
| PROVIDER_DOWNLOAD_IMPLEMENTATION_URL          | varchar2(4000)  | Download Implementation URL         | <input type="checkbox"/>            | Download URL for implementation.                    |
| PROVIDER_FUNCTIONAL_DOCUMENTATION_URL         | varchar2(4000)  |                                     | <input type="checkbox"/>            | Functional documentation URL.                       |
| PROVIDER_FUNCTIONAL_SUPPORT_DISCORD_COMMUNITY | varchar2(60)    |                                     | <input type="checkbox"/>            | Functional support discourse community.             |
| PROVIDER_FUNCTIONAL_SUPPORT_EMAIL_ADDRESS     | varchar2(60)    |                                     | <input type="checkbox"/>            | Functional support email address.                   |
| PROVIDER_FUNCTIONAL_SUPPORT_PHONE_NUMBER      | varchar2(60)    |                                     | <input type="checkbox"/>            | Functional support phone number.                    |
| PROVIDER_FUNCTIONAL_SUPPORT_URL               | varchar2(240)   |                                     | <input type="checkbox"/>            | Functional support URL.                             |
| PROVIDER_INFLUENCES_MAXIMUM_NUMBER_JOINS      | char            | Influences Maximum Number of Joins  | <input checked="" type="checkbox"/> | Influences maximum number of joins?                 |
| PROVIDER_IS_DEFAULT_FLAG                      | char            | Is Default?                         | <input checked="" type="checkbox"/> | Is the default provider?                            |

| Name   | Data Type      | Label                         | Required                            | Documentation   |
|--|----------------|-------------------------------|-------------------------------------|---|
| PROVIDER_IS_SERVICE_PROVIDER_FLAG            | char           | Is Service Provider?          | <input checked="" type="checkbox"/> | Is the provider a service provider?                         |
| PROVIDER_MARKETPLACE_URL                     | varchar2(4000) |                               | <input type="checkbox"/>            | URL of the marketplace containing integrations and add-ons. |
| PROVIDER_NAME                                | varchar2(240)  | Provider Name                 | <input checked="" type="checkbox"/> | Name of the provider.                                       |
| PROVIDER_PRODUCTION_USE_ALLOWED              | char           | Production Use Allowed        | <input checked="" type="checkbox"/> | Is production use allowed?                                  |
| PROVIDER_PUBLIC_DATA                         | char           | Is Public Data?               | <input checked="" type="checkbox"/> | Is the data offered publicly?                               |
| PROVIDER_SHORT_NAME                          | varchar2(240)  | Provider Short Name           | <input checked="" type="checkbox"/> | Provider short name.  |
| PROVIDER_TECHNICAL_DOCUMENTATION_URL         | varchar2(4000) | Technical Documentation (URL) | <input type="checkbox"/>            | Technical documentation URL.                                |
| PROVIDER_TECHNICAL_SUPPORT_DISCORD_COMMUNITY | varchar2(60)   |                               | <input type="checkbox"/>            | Technical support discourse community.                      |
| PROVIDER_TECHNICAL_SUPPORT_EMAIL_ADDRESS     | varchar2(60)   |                               | <input type="checkbox"/>            | Technical support email address.                            |
| PROVIDER_TECHNICAL_SUPPORT_PHONE_NUMBER      | varchar2(60)   |                               | <input type="checkbox"/>            | Technical support phone number.                             |
| PROVIDER_TECHNICAL_SUPPORT_URL               | varchar2(240)  |                               | <input type="checkbox"/>            | Technical support URL.                                      |
| PROVIDER_UID                                 | guid           | Provider UID                  | <input checked="" type="checkbox"/> | Unique ID of the provider.                                  |
| VALUE_REVEALS_OS_PROPERTIES                  | char           | Value Reveals OS-properties   |                                     | Whether the attribute reveals OS-properties.                |
| VALUE  | varchar2(4000) | Value                         | <input type="checkbox"/>            | Current value of the property.                              |

### SYSTEMPROVIDERS: Data Dictionary Providers

All registered and licensed providers available in Invantive SQL.

Catalog: DataDictionary

Schema: Invantive

Alias: `pxr`

Label: Providers

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

### View Columns

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

| Name                               | Data Type     | Label                              | Required                            | Documentation                       |
|------------------------------------|---------------|------------------------------------|-------------------------------------|-------------------------------------|
| ABBREVIATION                       | varchar2(30)  | Abbreviation                       | <input checked="" type="checkbox"/> | Abbreviation.                       |
| CLIENT_ID                          | varchar2(240) | Client ID                          | <input type="checkbox"/>            | OAuth client ID.                    |
| COMMERCIAL_NAME_SHORT_ALTERNATIVES | varchar2(240) | Alternative Short Commercial Names | <input type="checkbox"/>            | Alternative short commercial names. |

| Name                                   | Data Type       | Label                                     | Required                            | Documentation   |
|--|-----------------|---|-------------------------------------|---|
| COMMERCIAL_NAME_SHORT                  | varchar2(240)   | Commercial Name Short                     | <input type="checkbox"/>            | Commercial name (short).  |
| COMMERCIAL_NAME                        | varchar2(240)   | Commercial Name                           | <input checked="" type="checkbox"/> | Commercial name.  |
| COMMUNITY_EDITION                      | char            | Is Community Edition                      | <input checked="" type="checkbox"/> | Is application software offered for free?                                 |
| DATA_CONTAINER_ALIAS                   | varchar2(4000)  | Data Container Alias                      | <input type="checkbox"/>            | Data container alias.   |
| DATA_CONTAINER_ID                      | varchar2(4000)  | Data Container ID                         | <input type="checkbox"/>            | Data container ID.  |
| DEFAULT_CONNECTION_ID                  | guid            | Default Connection ID                     | <input checked="" type="checkbox"/> | Default GUID for first discovered connection of this connector.           |
| DEFAULT_NUMBER_PARALLEL_REQUESTS       | int32           | Default Number of Parallel Requests       | <input type="checkbox"/>            | Default number of parallel requests.                                      |
| DEFAULT_SLOTBASED_RATE_LIMIT_LENGTH_MS | int64           | Default Slot-based Rate Limit Length (ms) | <input checked="" type="checkbox"/> | Default length in ms of a slot-based rate limit.                          |
| DEFAULT_SLOTBASED_RATE_LIMIT_SLOTS     | int32           | Default Slot-based Rate Limit Slots       | <input type="checkbox"/>            | Default number of slots of a slot-based rate limit.                       |
| DESCRIPTION                            | varchar2(16000) | Description                               | <input checked="" type="checkbox"/> | Description.  |
| DISPLAY_NAME                           | varchar2(240)   | Display Name                              | <input checked="" type="checkbox"/> | Display name.   |
| DOCUMENTATION_URL                      | varchar2(4000)  | Documentation (URL)                       | <input type="checkbox"/>            | Documentation URL.  |
| DOCUMENTATION                          | varchar2(32767) | Documentation                             | <input type="checkbox"/>            | Documentation.  |
| DOWNLOAD_IMPLEMENTATION_URL            | varchar2(4000)  | Download Implementation URL               | <input type="checkbox"/>            | Download URL for implementation.  |
| ESTATE_PROPERTY_NAME                   | varchar2(240)   | Estate Property Name                      | <input type="checkbox"/>            | Inventive Estate property name.   |
| FORUMS_TAG                             | varchar2(240)   | Forums Tag                                | <input type="checkbox"/>            | Inventive Forums tags.  |
| FUNCTIONAL_DOCUMENTATION_URL           | varchar2(4000)  |   | <input type="checkbox"/>            | Functional documentation URL.   |
| FUNCTIONAL_SUPPORT_DISCORD_COMMUNITY   | varchar2(60)    |   | <input type="checkbox"/>            | Functional support discourse community.                                   |
| FUNCTIONAL_SUPPORT_EMAIL_ADDRESS       | varchar2(60)    |   | <input type="checkbox"/>            | Functional support email address.   |
| FUNCTIONAL_SUPPORT_PHONE_NUMBER        | varchar2(60)    |   | <input type="checkbox"/>            | Functional support phone number.  |
| FUNCTIONAL_SUPPORT_URL                 | varchar2(240)   |   | <input type="checkbox"/>            | Functional support URL.   |
| HANDLING_ORDER                         | int32           | Handling Order                            | <input type="checkbox"/>            | Handling order.   |
| ICON_RESOURCE_NAME_16                  | varchar2(240)   | Icon Resource Name (16x16)                | <input type="checkbox"/>            | Name of file with 16x16 icon.   |
| INFLUENCES_MAXIMUM_NUMBER_JOINS        | char            | Influences Maximum Number of Joins        | <input checked="" type="checkbox"/> | Influences maximum number of joins?                                       |
| IS_ALLOWED                             | boolean         | Is Allowed?                               | <input type="checkbox"/>            | Is allowed?   |
| IS_CATALOG_USED_IN_FULL_QUALIFIED_NAME | char            | Is Catalog Used in Full Qualified Name    | <input checked="" type="checkbox"/> | Whether the catalog name is used in constructing the full qualified name. |
| IS_DEFAULT_FLAG                        | char            | Is Default?                               | <input checked="" type="checkbox"/> | Is the default connector?   |
| IS_ESSENTIAL                           | boolean         | Is Essential?                             | <input type="checkbox"/>            | Is essential?   |

| Name   | Data Type      | Label  | Required                            | Documentation  |
|--|----------------|--|-------------------------------------|--|
| IS_SCHEMA_USED_IN_FULL_QUALIFIED_NAME                | char           | Is Schema Used in Full Qualified Name          | <input checked="" type="checkbox"/> | Whether the schema name is used in constructing the full qualified name. |
| IS_SERVICE_PROVIDER_FLAG                             | char           | Is Service Provider?                           | <input checked="" type="checkbox"/> | Is the connector a service connector?                                    |
| LICENSING_FEATURE                                    | varchar2(240)  | Licensing Feature                              | <input type="checkbox"/>            | Licensing feature.   |
| MAIN_CATEGORY  | varchar2(240)  | Main Category                                  | <input checked="" type="checkbox"/> | Main category.   |
| MARKETPLACE_URL                                      | varchar2(4000) |  | <input type="checkbox"/>            | URL of the marketplace containing integrations and add-ons.              |
| MAXIMUM_NUMBER_USABLE_PARTITIONS                     | int32          | Maximum Number of Usable Partitions            |                                     | Maximum number of usable partitions.                                     |
| NAME   | varchar2(240)  | Name   | <input checked="" type="checkbox"/> | Name of the connector.   |
| PARTITION_CODE_COLUMN_NAME                           | varchar2(240)  | Partition Code Column Name                     | <input type="checkbox"/>            | Name of the partition code column.                                       |
| PARTITION_INFO_ALL_PARTITIONS_SELECTED               | char           | Partition Has Selected All Partitions          | <input checked="" type="checkbox"/> | Whether the connector has selected all partitions.                       |
| PARTITION_INFO_LABEL_SINGULAR                        | varchar2(240)  | Partition Label Singular                       | <input type="checkbox"/>            | Partition label in singular form.  |
| PARTITION_INFO_PREFERRED_UI_LABEL_PLURAL             | varchar2(240)  | Partition Preferred UI Label Plural            | <input type="checkbox"/>            | Partition preferred UI label in plural form.                             |
| PARTITION_INFO_PREFERRED_UI_LABEL_SELECTED_ELEMENTS  | varchar2(240)  | Partition Preferred UI Label Selected Elements | <input type="checkbox"/>            | Partition preferred UI label for selected elements.                      |
| PARTITION_INFO_PREFERRED_UI_LABEL_SELECTOR           | varchar2(240)  | Partition Preferred UI Label Selector          | <input type="checkbox"/>            | Partition preferred UI label for selector.                               |
| PARTITION_INFO_PREFERRED_UI_LABEL_SINGULAR           | varchar2(240)  | Partition Preferred UI Label Singular          | <input type="checkbox"/>            | Partition preferred UI label in singular form.                           |
| PARTITION_INFO_SUPPORTS_MULTIPLE_SELECTED_PARTITIONS | char           | Supports Multiple Selected Partitions          | <input checked="" type="checkbox"/> | Whether the connector supports multiple selected partitions.             |
| PARTITION_INFO_SUPPORTS_NO_SELECTED_PARTITIONS       | char           | Partition Supports No Selected Partitions      | <input checked="" type="checkbox"/> | Whether the connector supports no selected partitions.                   |
| PARTITION_INFO_SUPPORTS_PARTITIONS                   | char           | Supports Partitions                            | <input checked="" type="checkbox"/> | Whether the connector supports partitions.                               |
| PARTITION_LABEL_SINGULAR                             | varchar2(240)  | Partition Label Singular                       | <input type="checkbox"/>            | Partition label in singular form.  |
| PARTITIONS_INFO_LABEL_PLURAL                         | varchar2(240)  | Partition Label Plural                         | <input type="checkbox"/>            | Partition label in plural form.  |
| PARTITIONS_INFO_MASTER_ROLLUP_LABEL                  | varchar2(240)  | Partition Rollup Label Singular                | <input type="checkbox"/>            | Partition master rollup label in singular form.                          |
| PARTITIONS_INFO_ROLLUP_LABEL                         | varchar2(240)  | Partition Rollup Label Singular                | <input type="checkbox"/>            | Partition rollup label in singular form.                                 |
| PRODUCT_PHASE  | varchar2(240)  | Product Phase                                  | <input type="checkbox"/>            | Product phase.   |
| PRODUCTION_USE_ALLOWED                               | char           | Production Use Allowed                         | <input checked="" type="checkbox"/> | Is production use allowed?   |
| PROVIDER_UID   | guid           | Provider UID                                   | <input checked="" type="checkbox"/> | Unique ID of the provider.   |
| PUBLIC_DATA  | char           | Is Public Data?                                | <input checked="" type="checkbox"/> | Is the data offered publicly?  |
| REDIRECT_URL   | varchar2(4000) |  | <input type="checkbox"/>            | OAuth redirect URL.  |
| SHORT_NAME_RESOURCE                                  | varchar2(240)  | Short Name for Resources                       | <input checked="" type="checkbox"/> | Short name for use in translation resources.                             |

| Name                                | Data Type      | Label                               | Required                            | Documentation  |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|--|
| SHORT_NAME                          | varchar2(240)  | Short Name                          | <input checked="" type="checkbox"/> | Short name.  |
| SLOTBASED_RATE_LIMIT_LENGTH_MS      | int64          | Slot-based Rate Limit Length (ms)   | <input checked="" type="checkbox"/> | Length in ms of a slot-based rate limit.   |
| SLOTBASED_RATE_LIMIT_SLOTS          | int32          | Slot-based Rate Limit Slots         | <input type="checkbox"/>            | Number of slots of a slot-based rate limit, null means no limit.   |
| SQL_PREFIX_PARAMETER                | varchar2(30)   | SQL Prefix Parameter                | <input type="checkbox"/>            | SQL parameter prefix.  |
| STRING_COMPARISON_IS_CASE_SENSITIVE | char           | String Comparison is Case-Sensitive | <input checked="" type="checkbox"/> | Whether the connector matches string case-sensitive.   |
| SUPPORTS_COLUMN_FILTERING           | char           | Supports Column Filtering           | <input checked="" type="checkbox"/> | Whether column filtering is supported; if true, the connector can filter the resulting columns itself based on a select statement. |
| SUPPORTS_NATIVE_SCALAR_REQUESTS     | char           | Supports Native Scalar Requests     | <input checked="" type="checkbox"/> | Whether the platform supports native scalar requests.  |
| SUPPORTS_NATIVE_SQL                 | char           | Supports Native SQL                 | <input checked="" type="checkbox"/> | Whether the platform supports native SQL.  |
| SUPPORTS_ORDERING                   | char           | Supports Ordering                   | <input checked="" type="checkbox"/> | Whether the connector supports ordering.   |
| SUPPORTS_SIMPLE_FILTER_DELETE       | char           | Supports Simple Filter Delete       | <input checked="" type="checkbox"/> | Whether the connector supports delete using simple filters.  |
| SUPPORTS_SIMPLE_FILTER_UPDATE       | char           | Supports Simple Filter Update       | <input checked="" type="checkbox"/> | Whether the connector supports update using simple filters.  |
| TAGS                                | varchar2(240)  | Tags                                | <input type="checkbox"/>            | Comma-separated list of tags.  |
| TECHNICAL_DOCUMENTATION_URL         | varchar2(4000) | Technical Documentation (URL)       | <input type="checkbox"/>            | Technical documentation URL.   |
| TECHNICAL_SUPPORT_DISCORD_COMMUNITY | varchar2(60)   |                                     | <input type="checkbox"/>            | Technical support discourse community.   |
| TECHNICAL_SUPPORT_EMAIL_ADDRESS     | varchar2(60)   |                                     | <input type="checkbox"/>            | Technical support email address.   |
| TECHNICAL_SUPPORT_PHONE_NUMBER      | varchar2(60)   |                                     | <input type="checkbox"/>            | Technical support phone number.  |
| TECHNICAL_SUPPORT_URL               | varchar2(240)  |                                     | <input type="checkbox"/>            | Technical support URL.   |

### SYSTEMPROVIDERSACTIVE: Data Dictionary Active System Providers

All providers currently loaded in Invantive SQL.

Catalog: DataDictionary

Schema: Invantive

Alias: pae

Label: Active System Providers

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

### View Columns

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

| Name                                   | Data Type       | Label                                     | Required                            | Documentation  |
|--|-----------------|---|-------------------------------------|--|
| ABBREVIATION                           | varchar2(30)    | Abbreviation                              | <input checked="" type="checkbox"/> | Abbreviation.  |
| BULK_INSERT_COUNT                      | int32           | Bulk Insert Count                         | <input checked="" type="checkbox"/> | Number of times a bulk insert was executed.                              |
| BULK_INSERT_DURATION_MAX_MS            | int64           | Bulk Insert Duration Maximum (ms)         | <input checked="" type="checkbox"/> | Maximum time spent in ms during bulk insert.                             |
| BULK_INSERT_DURATION_TOTAL_MS          | int64           | Bulk Insert Duration Total (ms)           | <input checked="" type="checkbox"/> | Total time spent in ms during bulk insert.                               |
| BULK_INSERT_PAGE_COUNT                 | int32           | Bulk Insert Page Count                    | <input checked="" type="checkbox"/> | Number of times a bulk page insert was executed.                         |
| BULK_INSERT_ROW_COUNT                  | int64           | Bulk Insert Row Count                     | <input checked="" type="checkbox"/> | Number of rows inserted in bulk.   |
| CLIENT_ID                              | varchar2(240)   | Client ID                                 | <input type="checkbox"/>            | OAuth client ID.   |
| COMMERCIAL_NAME                        | varchar2(240)   | Commercial Name                           | <input checked="" type="checkbox"/> | Commercial name.   |
| COMMUNITY_EDITION                      | char            | Is Community Edition                      | <input checked="" type="checkbox"/> | Is application software offered for free?                                |
| CONNECTION_OPENED_AT_UTC               | datetime        | Connection Opened at (UTC)                | <input type="checkbox"/>            | Time the connection was opened (UTC).                                    |
| DATA_CONTAINER_ALIAS                   | varchar2(4000)  | Data Container Alias                      | <input type="checkbox"/>            | Data container alias.  |
| DATA_CONTAINER_ID                      | varchar2(4000)  | Data Container ID                         | <input type="checkbox"/>            | Data container ID.   |
| DATABASE_POOL_DESCRIPTION              | varchar2(4000)  | Database Pool Description                 | <input type="checkbox"/>            | Database pool description, in which multiple databases are pooled.       |
| DATABASE_PRICING_TIER                  | varchar2(240)   | Database Pricing Tier                     | <input type="checkbox"/>            | Database pricing tier.   |
| DATABASE_SERVICE_TIER                  | varchar2(240)   | Database Service Tier                     | <input type="checkbox"/>            | Database service tier.   |
| DATABASE_VERSION_NUMBER                | varchar2(240)   | Database Version Number                   | <input type="checkbox"/>            | Current database version number.   |
| DATABASE_VERSION                       | varchar2(240)   | Database Version                          | <input type="checkbox"/>            | Current database version including platform, edition and version number. |
| DEFAULT_CONNECTION_ID                  | guid            | Default Connection ID                     | <input checked="" type="checkbox"/> | Default GUID for first discovered connection of this provider.           |
| DEFAULT_NUMBER_PARALLEL_REQUESTS       | int32           | Default Number of Parallel Requests       | <input type="checkbox"/>            | Default number of parallel requests.                                     |
| DEFAULT_SLOTBASED_RATE_LIMIT_LENGTH_MS | int64           | Default Slot-based Rate Limit Length (ms) | <input checked="" type="checkbox"/> | Default length in ms of a slot-based rate limit.                         |
| DEFAULT_SLOTBASED_RATE_LIMIT_SLOTS     | int32           | Default Slot-based Rate Limit Slots       | <input type="checkbox"/>            | Default number of slots of a slot-based rate limit.                      |
| DESCRIPTION                            | varchar2(4000)  | Provider Description                      | <input checked="" type="checkbox"/> | Provider description.  |
| DISPLAY_NAME                           | varchar2(240)   | Display Name                              | <input checked="" type="checkbox"/> | Display name.  |
| DOCUMENTATION_URL                      | varchar2(4000)  | Documentation (URL)                       | <input type="checkbox"/>            | Documentation URL.   |
| DOCUMENTATION                          | varchar2(32767) | Documentation                             | <input type="checkbox"/>            | Documentation.   |

| Name  | Data Type      | Label                                       | Required                            | Documentation  |
|---|----------------|---|-------------------------------------|--|
| DOWNLOAD_IMPLEMENTATION_URL                 | varchar2(4000) | Download Implementation URL                 | <input type="checkbox"/>            | Download URL for implementation.                       |
| FUNCTIONAL_DOCUMENTATION_URL                | varchar2(4000) |   | <input type="checkbox"/>            | Functional documentation URL.                          |
| FUNCTIONAL_SUPPORT_DISCORD_COMMUNITY        | varchar2(60)   |   | <input type="checkbox"/>            | Functional support discourse community.                |
| FUNCTIONAL_SUPPORT_EMAIL_ADDRESS            | varchar2(60)   |   | <input type="checkbox"/>            | Functional support email address.                      |
| FUNCTIONAL_SUPPORT_PHONE_NUMBER             | varchar2(60)   |   | <input type="checkbox"/>            | Functional support phone number.                       |
| FUNCTIONAL_SUPPORT_URL                      | varchar2(240)  |   | <input type="checkbox"/>            | Functional support URL.                                |
| HTTP_DISK_CACHE_HITS                        | int32          | HTTP Disk Cache Hits                        | <input checked="" type="checkbox"/> | Number of HTTP disk cache hits.                        |
| HTTP_DISK_CACHE_INCORRECT_CONTENT_HITS      | int32          | HTTP Disk Cache Incorrect Content Hits      | <input checked="" type="checkbox"/> | HTTP disk cache number of incorrect content hits.      |
| HTTP_DISK_CACHE_MISSES                      | int32          | HTTP Disk Cache Misses                      | <input checked="" type="checkbox"/> | Number of HTTP disk cache misses.                      |
| HTTP_DISK_CACHE_READ_BYTES                  | int64          | HTTP Disk Cache Read (byte)                 | <input checked="" type="checkbox"/> | Number of HTTP disk cache disk bytes.                  |
| HTTP_DISK_CACHE_READ_DECOMPRESS_OPERATIONS  | int64          | HTTP Disk Cache Read Decompress Operations  | <input checked="" type="checkbox"/> | Number of HTTP disk cache decompress operations.       |
| HTTP_DISK_CACHE_READ_DECOMPRESSED_BYTES     | int64          | HTTP Disk Cache Read Decompressed (byte)    | <input checked="" type="checkbox"/> | Number of HTTP disk cache decompressed bytes.          |
| HTTP_DISK_CACHE_READ_DECRYPT_DURATION_MS    | int64          | HTTP Disk Cache Read Decrypt Duration (ms)  | <input checked="" type="checkbox"/> | Number of HTTP disk cache read decrypt duration (ms).  |
| HTTP_DISK_CACHE_READ_DECRYPT_OPERATIONS     | int64          | HTTP Disk Cache Read Decrypt Operations     | <input checked="" type="checkbox"/> | Number of HTTP disk cache decrypt operations.          |
| HTTP_DISK_CACHE_READ_DECRYPTED_BYTES        | int64          | HTTP Disk Cache Read Decrypted (byte)       | <input checked="" type="checkbox"/> | Number of HTTP disk cache decrypted bytes.             |
| HTTP_DISK_CACHE_READ_OPERATIONS             | int64          | HTTP Disk Cache Read Operations             | <input checked="" type="checkbox"/> | Number of HTTP disk cache operations.                  |
| HTTP_DISK_CACHE_UNSUPPORTED_ENCRYPTION_HITS | int32          | HTTP Disk Cache Unsupported Encryption Hits | <input checked="" type="checkbox"/> | HTTP disk cache number of unsupported encryption hits. |
| HTTP_DISK_CACHE_UNSUPPORTED_FORMAT_HITS     | int32          | HTTP Disk Cache Unsupported Format Hits     | <input checked="" type="checkbox"/> | HTTP disk cache number of unsupported format hits.     |
| HTTP_DISK_CACHE_WRITE_BYTES                 | int64          | HTTP Disk Cache Write (byte)                | <input checked="" type="checkbox"/> | Number of HTTP disk cache disk cache write bytes.      |
| HTTP_DISK_CACHE_WRITE_COMPRESS_OPERATIONS   | int64          | HTTP Disk Cache Write Compress Operations   | <input checked="" type="checkbox"/> | Number of HTTP disk cache write compress operations.   |
| HTTP_DISK_CACHE_WRITE_COMPRESSED_BYTES      | int64          | HTTP Disk Cache Write Compressed (byte)     | <input checked="" type="checkbox"/> | Number of HTTP disk cache write compressed bytes.      |
| HTTP_DISK_CACHE_WRITE_ENCRYPT_DURATION_MS   | int64          | HTTP Disk Cache Write Encrypt Duration (ms) | <input checked="" type="checkbox"/> | Number of HTTP disk cache write encrypt duration (ms). |
| HTTP_DISK_CACHE_WRITE_ENCRYPT_OPERATIONS    | int64          | HTTP Disk Cache Write Encrypt Operations    | <input checked="" type="checkbox"/> | Number of HTTP disk cache write encrypt operations.    |
| HTTP_DISK_CACHE_WRITE_ENCRYPTED_BYTES       | int64          | HTTP Disk Cache Write Encrypted (byte)      | <input checked="" type="checkbox"/> | Number of HTTP disk cache write encrypted bytes.       |
| HTTP_DISK_CACHE_WRITE_OPERATIONS            | int64          | HTTP Disk Cache Write Operations            | <input checked="" type="checkbox"/> | Number of HTTP disk cache write operations.            |

| Name   | Data Type      | Label  | Required                            | Documentation   |
|--|----------------|--|-------------------------------------|---|
| HTTP_MEMORY_CACHE_COUNT                      | int32          | HTTP Memory Cache Count                          | <input checked="" type="checkbox"/> | Number of entries in memory cache.  |
| HTTP_MEMORY_CACHE_HITS                       | int32          | HTTP Memory Cache Hits                           | <input checked="" type="checkbox"/> | Number of memory cache hits.  |
| HTTP_MEMORY_CACHE_INCORRECT_CONTENT_HITS     | int32          | HTTP Memory Cache Incorrect Content Hits         | <input checked="" type="checkbox"/> | Number of memory cache incorrect content hits.                            |
| HTTP_MEMORY_CACHE_MISSES_FETCH_TIME_MS_MAX   | double         | HTTP Memory Cache Misses Fetch Time Maximum (ms) | <input checked="" type="checkbox"/> | Maximum original HTTP memory cache fetch time (ms).                       |
| HTTP_MEMORY_CACHE_MISSES_FETCH_TIME_MS_MIN   | double         | HTTP Memory Cache Misses Fetch Time Minimum (ms) | <input checked="" type="checkbox"/> | Minimum original HTTP memory cache fetch time (ms).                       |
| HTTP_MEMORY_CACHE_MISSES_FETCH_TIME_MS_TOTAL | double         | HTTP Memory Cache Misses Fetch Time Total (ms)   | <input checked="" type="checkbox"/> | Total original HTTP memory cache fetch time (ms).                         |
| HTTP_MEMORY_CACHE_MISSES                     | int32          | HTTP Memory Cache Misses                         | <input checked="" type="checkbox"/> | Number of memory cache misses.  |
| HTTP_MEMORY_CACHE_SIZE                       | int64          | HTTP Memory Cache Cache Size                     | <input checked="" type="checkbox"/> | Estimated size of character of the memory cache.                          |
| HTTP_MEMORY_CACHE_UNSUPPORTED_FORMAT_HITS    | int32          | HTTP Memory Cache Unsupported Format Hits        | <input checked="" type="checkbox"/> | Number of memory cache unsupported format hits.                           |
| HTTP_REQUESTS_EXECUTED                       | int32          | HTTP Requests Executed                           | <input checked="" type="checkbox"/> | Number of HTTP requests made.   |
| ICON_RESOURCE_NAME_16                        | varchar2(240)  | Icon Resource Name (16x16)                       | <input type="checkbox"/>            | Name of file with 16x16 icon.   |
| INFLUENCES_MAXIMUM_NUMBER_JOINS              | char           | Influences Maximum Number of Joins               | <input checked="" type="checkbox"/> | Influences maximum number of joins?                                       |
| IS_CATALOG_USED_IN_FULL_QUALIFIED_NAME       | char           | Is Catalog Used in Full Qualified Name           | <input checked="" type="checkbox"/> | Whether the catalog name is used in constructing the full qualified name. |
| IS_DEFAULT_FLAG                              | char           | Is Default?                                      | <input checked="" type="checkbox"/> | Is the default provider?  |
| IS_SCHEMA_USED_IN_FULL_QUALIFIED_NAME        | char           | Is Schema Used in Full Qualified Name            | <input checked="" type="checkbox"/> | Whether the schema name is used in constructing the full qualified name.  |
| IS_SERVICE_PROVIDER_FLAG                     | char           | Is Service Provider?                             | <input checked="" type="checkbox"/> | Is the provider a service provider?                                       |
| MAIN_CATEGORY                                | varchar2(240)  | Main Category                                    | <input checked="" type="checkbox"/> | Main category.  |
| MARKETPLACE_URL                              | varchar2(4000) |  | <input type="checkbox"/>            | URL of the marketplace containing integrations and add-ons.               |
| MAXIMUM_NUMBER_PARALLEL_REQUESTS             | int32          | Maximum Number of Parallel Requests              |                                     | Maximum number of parallel requests.                                      |
| MAXIMUM_NUMBER_USABLE_PARTITIONS             | int32          | Maximum Number of Usable Partitions              |                                     | Maximum number of usable partitions.                                      |
| NAME   | varchar2(240)  | Provider Name                                    | <input checked="" type="checkbox"/> | Name of the provider.   |
| PARTITION_CODE_COLUMN_NAME                   | varchar2(240)  | Partition Code Column Name                       | <input type="checkbox"/>            | Name of the partition code column.  |
| PARTITION_LABEL_SINGULAR                     | varchar2(240)  | Partition Label Singular                         | <input type="checkbox"/>            | Partition label in singular form.   |
| PRODUCTION_USE_ALLOWED                       | char           | Production Use Allowed                           | <input checked="" type="checkbox"/> | Is production use allowed?  |

| Name                                | Data Type      | Label                               | Required                            | Documentation   |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|---|
| PROVIDER_INSTANCE_UID               | guid           | Provider Instance UID               | <input checked="" type="checkbox"/> | Unique ID of the provider instance.   |
| PUBLIC_DATA                         | char           | Is Public Data?                     | <input checked="" type="checkbox"/> | Is the data offered publicly?   |
| REDIRECT_URL                        | varchar2(4000) |                                     | <input type="checkbox"/>            | OAuth redirect URL.   |
| SESSION_IO_BYTES_RECEIVED_OTHER     | int64          | I/O Execution Bytes Received Other  | <input checked="" type="checkbox"/> | Number of bytes sent (other).   |
| SESSION_IO_BYTES_RECEIVED_OVERALL   | int64          | I/O Execution Bytes Received        | <input checked="" type="checkbox"/> | Number of bytes sent overall.   |
| SESSION_IO_BYTES_RECEIVED_READ      | int64          | I/O Execution Bytes Received Read   | <input checked="" type="checkbox"/> | Number of bytes sent for read.  |
| SESSION_IO_BYTES_RECEIVED_WRITE     | int64          | I/O Execution Bytes Received Write  | <input checked="" type="checkbox"/> | Number of bytes sent for write.   |
| SESSION_IO_BYTES_SENT_OTHER         | int64          | I/O Execution Bytes Sent Other      | <input checked="" type="checkbox"/> | Number of bytes received (other).   |
| SESSION_IO_BYTES_SENT_OVERALL       | int64          | I/O Execution Bytes Sent            | <input checked="" type="checkbox"/> | Number of bytes received overall.   |
| SESSION_IO_BYTES_SENT_READ          | int64          | I/O Execution Bytes Sent Read       | <input checked="" type="checkbox"/> | Number of bytes received for read.  |
| SESSION_IO_BYTES_SENT_WRITE         | int64          | I/O Execution Bytes Sent Write      | <input checked="" type="checkbox"/> | Number of bytes received for write.   |
| SESSION_IO_DURATION_MS_OTHER        | int64          | I/O Execution Duration Other (ms)   | <input checked="" type="checkbox"/> | Total duration for other in milliseconds.   |
| SESSION_IO_DURATION_MS_OVERALL      | int64          | I/O Execution Duration (ms)         | <input checked="" type="checkbox"/> | Total duration overall in milliseconds.   |
| SESSION_IO_DURATION_MS_READ         | int64          | I/O Execution Duration Read (ms)    | <input checked="" type="checkbox"/> | Total duration for read in milliseconds.  |
| SESSION_IO_DURATION_MS_WRITE        | int64          | I/O Execution Duration Write (ms)   | <input checked="" type="checkbox"/> | Total duration for write in milliseconds.   |
| SESSION_IO_EXECUTION_COUNT_OTHER    | int64          | I/O Execution Count Other           | <input checked="" type="checkbox"/> | Number of I/Os executed (other).  |
| SESSION_IO_EXECUTION_COUNT_OVERALL  | int64          | I/O Execution Count                 | <input checked="" type="checkbox"/> | Number of I/Os executed overall.  |
| SESSION_IO_EXECUTION_COUNT_READ     | int64          | I/O Execution Count Read            | <input checked="" type="checkbox"/> | Number of I/Os executed for read.   |
| SESSION_IO_EXECUTION_COUNT_WRITE    | int64          | I/O Execution Count Write           | <input checked="" type="checkbox"/> | Number of I/Os executed for write.  |
| SHORT_NAME                          | varchar2(240)  | Provider Short Name                 | <input checked="" type="checkbox"/> | Provider short name.  |
| SLOTBASED_RATE_LIMIT_LENGTH_MS      | int64          | Slot-based Rate Limit Length (ms)   | <input checked="" type="checkbox"/> | Length in ms of a slot-based rate limit.  |
| SLOTBASED_RATE_LIMIT_SLOTS          | int32          | Slot-based Rate Limit Slots         | <input type="checkbox"/>            | Number of slots of a slot-based rate limit, null means no limit.  |
| SQL_PREFIX_PARAMETER                | varchar2(30)   | SQL Prefix Parameter                | <input type="checkbox"/>            | SQL parameter prefix.   |
| STRING_COMPARISON_IS_CASE_SENSITIVE | char           | String Comparison is Case-Sensitive | <input checked="" type="checkbox"/> | Whether the provider matches string case-sensitive.   |
| SUPPORTS_COLUMN_FILTERING           | char           | Supports Column Filtering           | <input checked="" type="checkbox"/> | Whether column filtering is supported; if true, the provider can filter the resulting columns itself based on a select statement. |

| Name                                | Data Type      | Label                           | Required                            | Documentation  |
|-------------------------------------|----------------|---------------------------------|-------------------------------------|--|
| SUPPORTS_NATIVE_SCALAR_REQUESTS     | char           | Supports Native Scalar Requests | <input checked="" type="checkbox"/> | Whether the platform supports native scalar requests.      |
| SUPPORTS_NATIVE_SQL                 | char           | Supports Native SQL             | <input checked="" type="checkbox"/> | Whether the platform supports native SQL.                  |
| SUPPORTS_ORDERING                   | char           | Supports Ordering               | <input checked="" type="checkbox"/> | Whether the provider supports ordering.                    |
| SUPPORTS_SIMPLE_FILTER_DELETE       | char           | Supports Simple Filter Delete   | <input checked="" type="checkbox"/> | Whether the provider supports delete using simple filters. |
| SUPPORTS_SIMPLE_FILTER_UPDATE       | char           | Supports Simple Filter Update   | <input checked="" type="checkbox"/> | Whether the provider supports update using simple filters. |
| TECHNICAL_DOCUMENTATION_URL         | varchar2(4000) | Technical Documentation (URL)   | <input type="checkbox"/>            | Technical documentation URL.                               |
| TECHNICAL_SUPPORT_DISCORD_COMMUNITY | varchar2(60)   |                                 | <input type="checkbox"/>            | Technical support discourse community.                     |
| TECHNICAL_SUPPORT_EMAIL_ADDRESS     | varchar2(60)   |                                 | <input type="checkbox"/>            | Technical support email address.                           |
| TECHNICAL_SUPPORT_PHONE_NUMBER      | varchar2(60)   |                                 | <input type="checkbox"/>            | Technical support phone number.                            |
| TECHNICAL_SUPPORT_URL               | varchar2(240)  |                                 | <input type="checkbox"/>            | Technical support URL.                                     |
| TRY_ORDER                           | number         | Try Order                       | <input checked="" type="checkbox"/> | Ascending order in which providers are tried.              |

### SYSTEMPROVIDERSAMPLEQUERIES: Data Dictionary Provider Sample Queries

Sample queries per registered and licensed provider.

Catalog: DataDictionary

Schema: Invantive

Alias: psy

Label: Provider Sample Queries

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

## View Columns

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

| Name                          | Data Type       | Label                | Required                            | Documentation                             |
|-------------------------------|-----------------|----------------------|-------------------------------------|---|
| PROVIDER_COMMUNITY_EDITION    | char            | Is Community Edition | <input checked="" type="checkbox"/> | Is application software offered for free? |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias | <input type="checkbox"/>            | Data container alias.                     |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID    | <input type="checkbox"/>            | Data container ID.                        |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description | <input checked="" type="checkbox"/> | Provider description.                     |

| Name  | Data Type      | Label                              | Required                            | Documentation   |
|---|----------------|------------------------------------|-------------------------------------|---|
| PROVIDER_DOCUMENTATION_URL                    | varchar2(4000) | Documentation (URL)                | <input type="checkbox"/>            | Documentation URL.  |
| PROVIDER_DOWNLOAD_IMPLEMENTATION_URL          | varchar2(4000) | Download Implementation URL        | <input type="checkbox"/>            | Download URL for implementation.                            |
| PROVIDER_FUNCTIONAL_DOCUMENTATION_URL         | varchar2(4000) |                                    | <input type="checkbox"/>            | Functional documentation URL.                               |
| PROVIDER_FUNCTIONAL_SUPPORT_DISCORD_COMMUNITY | varchar2(60)   |                                    | <input type="checkbox"/>            | Functional support discourse community.                     |
| PROVIDER_FUNCTIONAL_SUPPORT_EMAIL_ADDRESS     | varchar2(60)   |                                    | <input type="checkbox"/>            | Functional support email address.                           |
| PROVIDER_FUNCTIONAL_SUPPORT_PHONE_NUMBER      | varchar2(60)   |                                    | <input type="checkbox"/>            | Functional support phone number.                            |
| PROVIDER_FUNCTIONAL_SUPPORT_URL               | varchar2(240)  |                                    | <input type="checkbox"/>            | Functional support URL.                                     |
| PROVIDER_INFLUENCES_MAXIMUM_NUMBER_JOINS      | char           | Influences Maximum Number of Joins | <input checked="" type="checkbox"/> | Influences maximum number of joins?                         |
| PROVIDER_MARKETPLACE_URL                      | varchar2(4000) |                                    | <input type="checkbox"/>            | URL of the marketplace containing integrations and add-ons. |
| PROVIDER_NAME                                 | varchar2(240)  | Provider Name                      | <input checked="" type="checkbox"/> | Name of the provider.                                       |
| PROVIDER_PRODUCTION_USE_ALLOWED               | char           | Production Use Allowed             | <input checked="" type="checkbox"/> | Is production use allowed?                                  |
| PROVIDER_PUBLIC_DATA                          | char           | Is Public Data?                    | <input checked="" type="checkbox"/> | Is the data offered publicly?                               |
| PROVIDER_SHORT_NAME                           | varchar2(240)  | Provider Short Name                | <input checked="" type="checkbox"/> | Provider short name.  |
| PROVIDER_TECHNICAL_DOCUMENTATION_URL          | varchar2(4000) | Technical Documentation (URL)      | <input type="checkbox"/>            | Technical documentation URL.                                |
| PROVIDER_TECHNICAL_SUPPORT_DISCORD_COMMUNITY  | varchar2(60)   |                                    | <input type="checkbox"/>            | Technical support discourse community.                      |
| PROVIDER_TECHNICAL_SUPPORT_EMAIL_ADDRESS      | varchar2(60)   |                                    | <input type="checkbox"/>            | Technical support email address.                            |
| PROVIDER_TECHNICAL_SUPPORT_PHONE_NUMBER       | varchar2(60)   |                                    | <input type="checkbox"/>            | Technical support phone number.                             |
| PROVIDER_TECHNICAL_SUPPORT_URL                | varchar2(240)  |                                    | <input type="checkbox"/>            | Technical support URL.                                      |
| PROVIDER_UID                                  | guid           | Provider UID                       | <input checked="" type="checkbox"/> | Unique ID of the provider.                                  |
| SQL_STATEMENT                                 | varchar2       | Sample SQL Statement               | <input type="checkbox"/>            | Sample SQL statement.                                       |

## SYSTEMRECENTLOGGINGMESSAGES

Most recent logging messages.

Catalog: DataDictionary

Schema: Invantive

Alias: lme

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

## View Columns

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

| Name          | Data Type     | Label         | Required                            | Documentation                      |
|---------------|---------------|---------------|-------------------------------------|------------------------------------|
| LEVEL         | varchar2(240) | Level         | <input checked="" type="checkbox"/> | Level.                             |
| MESSAGE_CODE  | varchar2(60)  | Message Code  | <input type="checkbox"/>            | Message code.                      |
| MESSAGE_TEXT  | varchar2      | Message Text  | <input type="checkbox"/>            | Text.                              |
| MESSAGE_UID   | guid          | Message UID   | <input checked="" type="checkbox"/> | Specific UID for easy recognition. |
| POOL_IDENTITY | varchar2(60)  | Pool Identity | <input type="checkbox"/>            | Pool identity.                     |
| REQUEST_ID    | varchar2(240) | Request ID    | <input type="checkbox"/>            | Request ID.                        |

### SYSTEMSCHEMAS: Data Dictionary Schemas

Schemas per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: sma

Label: Schemas

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

## View Columns

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

| Name                          | Data Type       | Label                 | Required                            | Documentation  |
|-------------------------------|-----------------|-----------------------|-------------------------------------|--|
| CATALOG                       | varchar2        | Catalog               |                                     | Catalog where the views are contained in.                    |
| NAME                          | varchar2        | Schema                |                                     | Schema within the catalog where the tables are contained in. |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias  | <input type="checkbox"/>            | Data container alias.  |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.  |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                          |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.  |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.   |

**SYSTEMSQLAREA: Data Dictionary SQL Statements Executed**

All SQL statements executed by Invantive's UniversalSQL engine.

Catalog: DataDictionary

Schema: Invantive

Alias: saa

Label: SQL Statements Executed

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

**View Columns**

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

| Name                      | Data Type      | Label                     | Required                            | Documentation                                   |
|---------------------------|----------------|---------------------------|-------------------------------------|---|
| EXECUTIONS                | int32          | Executions                | <input checked="" type="checkbox"/> | Number of executions.                           |
| FINGER_PRINT              | varchar2(240)  | Finger Print              | <input checked="" type="checkbox"/> | Unique finger print                             |
| FIRST_END_TIME            | datetime       | First End Time            | <input checked="" type="checkbox"/> | Time at which the SQL was first executed (UTC). |
| FIRST_START_TIME          | datetime       | First Start Time          | <input checked="" type="checkbox"/> | Time at which the SQL was first executed (UTC). |
| ID                        | guid           | ID                        | <input checked="" type="checkbox"/> | Unique ID.                                      |
| LAST_END_TIME             | datetime       | Last End Time             | <input checked="" type="checkbox"/> | Time at which the SQL was last executed (UTC).  |
| LAST_START_TIME           | datetime       | Last Start Time           | <input checked="" type="checkbox"/> | Time at which the SQL was last executed (UTC).  |
| MANAGED_THREAD_ID         | int32          | Managed Thread ID         | <input type="checkbox"/>            | Managed thread ID.                              |
| NUMBER_OF_FIELDS          | int32          | Number of Fields          | <input checked="" type="checkbox"/> | Number of fields in the result set.             |
| NUMBER_OF_MANAGED_THREADS | int32          | Number of Managed Threads | <input checked="" type="checkbox"/> | Number of managed threads.                      |
| NUMBER_OF_REQUESTS        | int32          | Number of Requests        | <input checked="" type="checkbox"/> | Number of requests.                             |
| NUMBER_OF_TASKS           | int32          | Number of Tasks           | <input checked="" type="checkbox"/> | Number of tasks.                                |
| PARAMETER_VALUES          | varchar2(4000) | Parameter Values          | <input type="checkbox"/>            | Parameter values.                               |
| REQUEST_ID                | varchar2(60)   | Request ID                | <input type="checkbox"/>            | Request ID.                                     |
| ROW_COUNT                 | int64          | Rows                      | <input checked="" type="checkbox"/> | Number of rows retrieved.                       |
| SQL_STATEMENT             | varchar2       | SQL Statement             | <input checked="" type="checkbox"/> | SQL statement.                                  |
| TASK_ID                   | int32          | Task ID                   | <input type="checkbox"/>            | Task ID.  |

**SYSTEMSQLEXECUTIONS: Data Dictionary SQL Executions**

All SQL statement executions, executed by Invantive's UniversalSQL engine.

Catalog: DataDictionary

Schema: Invantive

Alias: saa

Label: SQL Executions

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

## View Columns

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

| Name                    | Data Type      | Label                   | Required                            | Documentation                                    |
|-------------------------|----------------|-------------------------|-------------------------------------|--|
| BILLING_ID              | varchar2       | Billing ID              | <input type="checkbox"/>            | ID for billing.                                  |
| DATA_CONTAINER_ID       | varchar2(4000) | Data Container ID       | <input type="checkbox"/>            | Data container ID.                               |
| DURATION_MS             | int64          | Duration (ms)           | <input type="checkbox"/>            | Duration (ms).                                   |
| DURATION_TICKS          | int64          | Duration (Ticks)        | <input type="checkbox"/>            | Duration (ticks).                                |
| END_TIME_UTC            | datetime       | End Time                | <input type="checkbox"/>            | Time at which the SQL fetch was completed (UTC). |
| GUI_IP_ADDRESS_EXTERNAL | varchar2(240)  | GUI External IP Address | <input type="checkbox"/>            | External IP address of the GUI application.      |
| GUI_IP_PORT             | uint16         | GUI External IP Port    | <input type="checkbox"/>            | External IP port of the GUI application.         |
| ID                      | guid           | ID                      | <input checked="" type="checkbox"/> | Unique ID of the execution.                      |
| IO_BYTES_RECEIVED       | int64          | Bytes Received          | <input type="checkbox"/>            | Number of bytes received using I/O.              |
| IO_BYTES_SENT           | int64          | Bytes Sent              | <input type="checkbox"/>            | Number of bytes sent using I/O.                  |
| IO_DURATION_MS          | int64          | I/O Duration (ms)       | <input type="checkbox"/>            | Duration of I/O (ms).                            |
| IO_NUMBER_OF_PARTITIONS | int32          | Number of Partitions    | <input type="checkbox"/>            | Number of partitions accessed through I/O.       |
| IO_ROW_COUNT            | int64          | I/O Row Count           | <input type="checkbox"/>            | Number of rows retrieved using I/O.              |
| MANAGED_THREAD_ID       | int32          | Managed Thread ID       | <input type="checkbox"/>            | Managed thread ID.                               |
| PARAMETER_VALUES        | varchar2(4000) | Parameter Values        | <input type="checkbox"/>            | Parameter values.                                |
| REQUEST_ID              | varchar2(60)   | Request ID              | <input type="checkbox"/>            | Request ID.                                      |
| RESULT_SET_NAME         | varchar2(4000) | Result Set Name         | <input type="checkbox"/>            | Name of result set.                              |
| ROW_COUNT               | int64          | Rows                    | <input type="checkbox"/>            | Number of rows retrieved.                        |
| SQL_STATEMENT           | varchar2       | SQL Statement           | <input checked="" type="checkbox"/> | SQL statement.                                   |
| START_TIME_UTC          | datetime       | Start Time              | <input type="checkbox"/>            | Time at which the SQL fetch was started (UTC).   |
| STATEMENT_FINGER_PRINT  | varchar2(240)  | Finger Print            | <input checked="" type="checkbox"/> | Unique finger print of the SQL statement.        |
| STATEMENT_ID            | guid           | Statement ID            | <input checked="" type="checkbox"/> | Unique ID of the SQL statement.                  |
| TASK_ID                 | int32          | Task ID                 | <input type="checkbox"/>            | Task ID.   |

**SYSTEMSQLEXECUTIONSLEEPS: Data Dictionary SQL Execution Sleeps**

Sleeps executed by Invantive's UniversalSQL engine during the execution of SQL statements.

Catalog: DataDictionary

Schema: Invantive

Alias: slp

Label: SQL Execution Sleeps

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

**View Columns**

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

| Name                 | Data Type    | Label                  | Required                            | Documentation                                       |
|----------------------|--------------|------------------------|-------------------------------------|---|
| ACTUAL_DURATION_MS   | int64        | Actual Duration (ms)   |                                     | Actual duration in milliseconds of the sleep.       |
| END_TIME_UTC         | datetime     | End Time               | <input checked="" type="checkbox"/> | Time at which the sleep was completed (UTC).        |
| EXECUTION_ID         | uuid         | SQL Execution ID       |                                     | ID of the SQL execution.                            |
| EXECUTION_STEP_ID    | int64        | SQL Execution Step ID  |                                     | ID of the SQL execution step.                       |
| EXPECTED_DURATION_MS | int64        | Expected Duration (ms) |                                     | Expected duration in milliseconds of the sleep.     |
| ID                   | int64        | ID                     |                                     | Unique ID of the sleep.                             |
| MESSAGE_CODE         | varchar2(30) | Message Code           | <input type="checkbox"/>            | Code of the message to indicate the origin.         |
| PARTITION            | varchar2(30) | Partition              | <input type="checkbox"/>            | Specific partition on which the sleep was executed. |
| START_TIME_UTC       | datetime     | Start Time             | <input checked="" type="checkbox"/> | Time at which the sleep was started (UTC).          |
| STATEMENT_ID         | uuid         | SQL Statement ID       |                                     | ID of the SQL statement.                            |
| TABLE_NAME           | varchar2     | Table Name             | <input type="checkbox"/>            | Name of the table.                                  |

**SYSTEMSQLEXECUTIONSTEPS: Data Dictionary SQL Execution Steps**

Individual processing steps executed by Invantive's UniversalSQL engine during the execution of SQL statements, their relationships and their statistics.

Catalog: DataDictionary

Schema: Invantive

Alias: sep

Label: SQL Execution Steps

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

## View Columns

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

| Name                        | Data Type      | Label                | Required                            | Documentation                                       |
|-----------------------------|----------------|----------------------|-------------------------------------|---|
| ALIAS                       | varchar2(240)  | Alias                | <input type="checkbox"/>            | Alias of the result set.                            |
| API_CALLS_ACTUAL            | int64          |                      | <input checked="" type="checkbox"/> | API Calls Actual                                    |
| API_CALLS_FROM_DISK_CACHE   | int64          |                      | <input checked="" type="checkbox"/> | API Calls From Disk Cache                           |
| API_CALLS_FROM_MEMORY_CACHE | int64          |                      | <input checked="" type="checkbox"/> | API Calls From Memory Cache                         |
| API_ROWS_ACTUAL             | int64          |                      | <input checked="" type="checkbox"/> | API Rows Actual                                     |
| API_ROWS_FROM_DISK_CACHE    | int64          |                      | <input checked="" type="checkbox"/> | API Rows From Disk Cache                            |
| API_ROWS_FROM_MEMORY_CACHE  | int64          |                      | <input checked="" type="checkbox"/> | API Rows From Memory Cache                          |
| BYTES_IN                    | int64          | Bytes In             | <input type="checkbox"/>            | Number of bytes input.                              |
| BYTES_OUT                   | int64          | Bytes Out            | <input type="checkbox"/>            | Number of bytes output.                             |
| COLUMNS_IN                  | int32          | Columns In           | <input type="checkbox"/>            | Number of columns input.                            |
| COLUMNS_OUT                 | int32          | Columns Out          | <input type="checkbox"/>            | Number of columns output.                           |
| DEPTH                       | int32          | Depth                | <input checked="" type="checkbox"/> | Depth of the step.                                  |
| DESCRIPTION                 | varchar2(240)  | Description          | <input type="checkbox"/>            | Description of the step.                            |
| DURATION_CPU_MS             | int64          | CPU Duration (ms)    | <input type="checkbox"/>            | Duration in milliseconds of CPU usage on this step. |
| DURATION_IO_MS              | int64          | I/O Duration (ms)    | <input type="checkbox"/>            | Duration in milliseconds of the I/O on this step.   |
| DURATION_MS                 | int64          | Duration (ms)        | <input type="checkbox"/>            | Duration in milliseconds of the step.               |
| DURATION_SLEEP_MS           | int64          | Sleep Duration (ms)  | <input type="checkbox"/>            | Duration in milliseconds of the sleep on this step. |
| DURATION_TICKS              | int64          | Duration (Ticks)     | <input type="checkbox"/>            | Duration in ticks of the step.                      |
| END_TIME_UTC                | datetime       | End Time             | <input type="checkbox"/>            | Time at which the SQL execution was ended (UTC).    |
| EXECUTION_ID                | guid           | Execution ID         | <input checked="" type="checkbox"/> | Unique ID of the SQL statement execution.           |
| EXECUTION_OPTIONS_ID        | guid           | Execution Options ID | <input type="checkbox"/>            | Execution options ID.                               |
| FINGER_PRINT                | varchar2(240)  | Finger Print         | <input checked="" type="checkbox"/> | Unique finger print                                 |
| ID                          | int64          | ID                   | <input checked="" type="checkbox"/> | Unique ID of the step.                              |
| MANAGED_THREAD_ID           | int32          | Managed Thread ID    | <input type="checkbox"/>            | Managed thread ID.                                  |
| PARAMETERS                  | varchar2(1000) | Parameters           | <input type="checkbox"/>            | Parameters of the step.                             |
| PARENT_ID                   | int64          | Parent ID            | <input type="checkbox"/>            | ID of the parent step.                              |
| REQUEST_ID                  | varchar2(60)   | Request ID           | <input type="checkbox"/>            | Request ID.   |
| ROOT_ID                     | int64          | Root ID              | <input checked="" type="checkbox"/> | Unique ID of the step at the root of the tree.      |

| Name  | Data Type | Label                       | Required                            | Documentation  |
|---|-----------|-----------------------------|-------------------------------------|--|
| ROWS_IN                                     | int64     | Row s In                    | <input type="checkbox"/>            | Number of row s input.   |
| ROWS_OUT                                    | int64     | Row s Out                   | <input type="checkbox"/>            | Number of row s output.  |
| SHARED_OBJECTS_BYTES_ADD_COUNT              | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects Bytes Add Count   |
| SHARED_OBJECTS_BYTES_ADD_LENGTH             | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects Bytes Add Length  |
| SHARED_OBJECTS_BYTES_ALREADY_SHARED_COUNT   | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects Bytes Already Shared Count                                |
| SHARED_OBJECTS_BYTES_ALREADY_SHARED_LENGTH  | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects Bytes Already Shared Length                               |
| SHARED_OBJECTS_BYTES_REUSE_COUNT            | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects Bytes Reuse Count   |
| SHARED_OBJECTS_BYTES_REUSE_LENGTH           | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects Bytes Reuse Length  |
| SHARED_OBJECTS_STRING_ADD_COUNT             | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects String Add Count  |
| SHARED_OBJECTS_STRING_ADD_LENGTH            | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects String Add Length   |
| SHARED_OBJECTS_STRING_ALREADY_SHARED_COUNT  | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects String Already Shared Count                               |
| SHARED_OBJECTS_STRING_ALREADY_SHARED_LENGTH | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects String Already Shared Length                              |
| SHARED_OBJECTS_STRING_REUSE_COUNT           | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects String Reuse Count  |
| SHARED_OBJECTS_STRING_REUSE_LENGTH          | int64     |                             | <input checked="" type="checkbox"/> | Shared Objects String Reuse Length                                       |
| START_TIME_UTC                              | datetime  | Start Time                  | <input type="checkbox"/>            | Time at w hich the SQL execution step w as started (UTC).                |
| STATEMENT_ID                                | guid      | Statement ID                | <input checked="" type="checkbox"/> | Unique ID of the SQL statement.  |
| STEP_DURATION_CLOCK_MS                      | int64     | Step Duration Clock (ms)    | <input type="checkbox"/>            | Duration in milliseconds of the step (excluding children).               |
| STEP_DURATION_CPU_MS                        | int64     | Step CPU Duration (ms)      | <input type="checkbox"/>            | Duration in milliseconds of CPU usage on this step (excluding children). |
| STEP_DURATION_IO_MS                         | int64     | Step I/O Duration (ms)      | <input type="checkbox"/>            | Duration in milliseconds of the I/O on this step (excluding children).   |
| STEP_DURATION_SLEEP_MS                      | int64     | Step Duration Sleeping (ms) | <input type="checkbox"/>            | Duration in milliseconds of the sleep on this step (excluding children). |
| TASK_ID                                     | int32     | Task ID                     | <input type="checkbox"/>            | Task ID.   |
| TOTAL_API_CALLS_ACTUAL                      | int64     |                             | <input checked="" type="checkbox"/> | Total API Calls Actual   |
| TOTAL_API_CALLS_FROM_DISK_CACHE             | int64     |                             | <input checked="" type="checkbox"/> | Total API Calls From Disk Cache  |
| TOTAL_API_CALLS_FROM_MEMORY_CACHE           | int64     |                             | <input checked="" type="checkbox"/> | Total API Calls From Memory Cache  |
| TOTAL_API_ROWS_ACTUAL                       | int64     |                             | <input checked="" type="checkbox"/> | Total API Row s Actual   |
| TOTAL_API_ROWS_FROM_DISK_CACHE              | int64     |                             | <input checked="" type="checkbox"/> | Total API Row s From Disk Cache  |

| Name  | Data Type | Label | Required                            | Documentation                                     |
|---|-----------|-------|-------------------------------------|---|
| TOTAL_API_ROWS_FROM_MEMORY_CACHE                  | int64     |       | <input checked="" type="checkbox"/> | Total API Rows From Memory Cache                  |
| TOTAL_SHARED_OBJECTS_BYTES_ADD_COUNT              | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects Bytes Add Count              |
| TOTAL_SHARED_OBJECTS_BYTES_ADD_LENGTH             | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects Bytes Add Length             |
| TOTAL_SHARED_OBJECTS_BYTES_ALREADY_SHARED_COUNT   | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects Bytes Already Shared Count   |
| TOTAL_SHARED_OBJECTS_BYTES_ALREADY_SHARED_LENGTH  | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects Bytes Already Shared Length  |
| TOTAL_SHARED_OBJECTS_BYTES_REUSE_COUNT            | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects Bytes Reuse Count            |
| TOTAL_SHARED_OBJECTS_BYTES_REUSE_LENGTH           | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects Bytes Reuse Length           |
| TOTAL_SHARED_OBJECTS_STRING_ADD_COUNT             | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects String Add Count             |
| TOTAL_SHARED_OBJECTS_STRING_ADD_LENGTH            | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects String Add Length            |
| TOTAL_SHARED_OBJECTS_STRING_ALREADY_SHARED_COUNT  | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects String Already Shared Count  |
| TOTAL_SHARED_OBJECTS_STRING_ALREADY_SHARED_LENGTH | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects String Already Shared Length |
| TOTAL_SHARED_OBJECTS_STRING_REUSE_COUNT           | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects String Reuse Count           |
| TOTAL_SHARED_OBJECTS_STRING_REUSE_LENGTH          | int64     |       | <input checked="" type="checkbox"/> | Total Shared Objects String Reuse Length          |

### SYSTEMSQLPRECOMPILEEXPRESSIONS: Data Dictionary SQL Pre-compiled Expressions

All compiled SQL statements executed by Invantive's UniversalSQL engine.

Catalog: DataDictionary

Schema: Invantive

Alias: spn

Label: SQL Pre-compiled Expressions

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

## View Columns

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

| Name              | Data Type     | Label             | Required                            | Documentation      |
|-------------------|---------------|-------------------|-------------------------------------|--------------------|
| CACHE_KEY         | varchar2(240) | Cache Key         | <input checked="" type="checkbox"/> | Unique cache key.  |
| EXPRESSION        | varchar2      | Expression        | <input type="checkbox"/>            | Debug view .       |
| FIRST_SOURCE_CODE | varchar2      | First Source Code | <input type="checkbox"/>            | First source code. |

| Name                 | Data Type | Label                | Required                            | Documentation   |
|----------------------|-----------|----------------------|-------------------------------------|---|
| ID                   | int64     | ID                   | <input checked="" type="checkbox"/> | Unique ID of the precompiled expression.              |
| INITIAL_REGISTRATION | datetime  | Initial Registration | <input checked="" type="checkbox"/> | Initial registration.                                 |
| LAST_USAGE           | datetime  | Last Usage           | <input checked="" type="checkbox"/> | Last time used.                                       |
| USAGE_COUNTER        | int32     | Usage Counter        | <input checked="" type="checkbox"/> | Number of times the pre-compiled expression was used. |

### SYSTEMTABLECOLUMNS: Data Dictionary Table Columns

Columns per table.

Catalog: DataDictionary

Schema: Invantive

Alias: tcn

Label: Table Columns

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

## View Columns

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

| Name   | Data Type | Label  | Required                 | Documentation  |
|--|-----------|--|--------------------------|--|
| CAN_FILTER_SERVER_SIDE_ADJACENT_TERMS        | char      | Can Filter Server-side Adjacent Terms        | <input type="checkbox"/> | Whether the column can be filtered on server-side using adjacent search terms. |
| CAN_FILTER_SERVER_SIDE_ALL_TERMS             | char      | Can Filter Server-side All Terms             | <input type="checkbox"/> | Whether the column can be filtered on server-side using all search terms.      |
| CAN_FILTER_SERVER_SIDE_ANY_TERM              | char      | Can Filter Server-side Any Term              | <input type="checkbox"/> | Whether the column can be filtered on server-side using any search term.       |
| CAN_FILTER_SERVER_SIDE_CONTAINERS            | char      | Can Filter Server-side Contains              | <input type="checkbox"/> | Whether the column can be filtered on server-side using contains text.         |
| CAN_FILTER_SERVER_SIDE_EQUALS                | char      | Can Filter Server-side Equals                | <input type="checkbox"/> | Whether the column can be filtered on server-side using equals.                |
| CAN_FILTER_SERVER_SIDE_GREATER_THAN_OR_EQUAL | char      | Can Filter Server-side Greater than or Equal | <input type="checkbox"/> | Whether the column can be filtered on server-side using greater than or equal. |
| CAN_FILTER_SERVER_SIDE_GREATER_THAN          | char      | Can Filter Server-side Greater than          | <input type="checkbox"/> | Whether the column can be filtered on server-side using greater than.          |
| CAN_FILTER_SERVER_SIDE_LESS_THAN_OR_EQUAL    | char      | Can Filter Server-side Less than or Equal    | <input type="checkbox"/> | Whether the column can be filtered on server-side using less than or equal.    |

| Name                              | Data Type      | Label                             | Required                            | Documentation  |
|-----------------------------------|----------------|-----------------------------------|-------------------------------------|--|
| CAN_FILTER_SERVER_SIDE_LESS_THAN  | char           | Can Filter Server-side Less than  | <input type="checkbox"/>            | Whether the column can be filtered on server-side using less than.   |
| CAN_FILTER_SERVER_SIDE_NOT_EQUALS | char           | Can Filter Server-side Not Equals | <input type="checkbox"/>            | Whether the column can be filtered on server-side using not equals.  |
| CAN_FILTER_SERVER_SIDE            | char           | Can Filter Server-side            | <input checked="" type="checkbox"/> | Whether the column can be filtered on server-side.   |
| CAN_SCAN_SERVER_SIDE              | char           | Can Scan Server-side              | <input type="checkbox"/>            | Whether the column can be scanned on server-side for search terms.   |
| CAN_SORTER_SERVER_SIDE            | char           | Can Sort Server-side              | <input type="checkbox"/>            | Whether the column can be sorted on server-side.   |
| CHECK_SPELLING                    | char           | Check Spelling                    | <input checked="" type="checkbox"/> | Whether the column's value should preferably be checked for spelling and grammar errors in a user interface.                       |
| CLIENT_SIDE_CACHEABLE             | char           | Table Client-Side Cacheable       |                                     | Are the contents eligible for caching on the client?   |
| DATABASE_DATA_TYPE                | varchar2(240)  | Database Data Type                |                                     | Data type in the database.   |
| DERIVED_VALUE                     | char           | Derived Value                     | <input checked="" type="checkbox"/> | Whether the column contains a derived value (calculated using an expression).  |
| DISPLAY_CONTROL                   | varchar2(240)  | Display Control                   | <input type="checkbox"/>            | Display control for displaying the column's contents.  |
| DISPLAY_IN_FILTER                 | char           | Display in Filter                 | <input checked="" type="checkbox"/> | Whether the column should be included in a search window .   |
| DISPLAY_IN_LOV                    | char           | Display in LOV                    | <input checked="" type="checkbox"/> | Whether the column should be included in a pick list.  |
| DISPLAY_IN_RECORD                 | char           | Display in Record                 | <input checked="" type="checkbox"/> | Whether the column should be included in a single record view .  |
| DISPLAY_IN_RESULTS                | char           | Display in Results                | <input checked="" type="checkbox"/> | Whether the column should be included in a multiple records view .   |
| DISPLAY_LENGTH_AVERAGE            | int32          | Display Length (Average)          | <input type="checkbox"/>            | Average length in characters of the contents of the column.  |
| DISPLAY_LENGTH_SD                 | int32          | Display Length (SD)               | <input type="checkbox"/>            | Standard deviation in characters of the contents of the column.  |
| DISPLAY_ORDER                     | int32          | Display Order                     | <input type="checkbox"/>            | Relative position in which the column should be displayed compared to other columns.   |
| DOCUMENTATION                     | varchar2(4000) | Documentation                     | <input type="checkbox"/>            | Documentation.   |
| DOTNET_DATA_TYPE                  | varchar2(240)  | .NET Data Type                    |                                     | Data type for .NET.  |
| EXAMPLE                           | varchar2(4000) | Example                           | <input type="checkbox"/>            | Example.   |
| FETCH_BY_DEFAULT                  | char           | Fetch by Default                  | <input checked="" type="checkbox"/> | Whether this field is fetched by default. True if the column is fetched by default, or false if it is being fetched when accessed. |
| ID                                | int32          | ID                                |                                     | Unique ID of the column.   |

| Name                          | Data Type       | Label                           | Required                            | Documentation  |
|-------------------------------|-----------------|---------------------------------|-------------------------------------|--|
| INFLUENCES_INSERT             | char            | Influences Insert               | <input checked="" type="checkbox"/> | Whether the column's value has an impact on the database's contents.   |
| LABEL_HEADING                 | varchar2(240)   | Label Heading                   | <input type="checkbox"/>            | Optional heading label to be shown before the column's normal label.   |
| LABEL_PLURAL_COMPOSED         | varchar2(4000)  | Label Plural Composed           | <input type="checkbox"/>            | Translatable label composed of the prefix and the plural label.        |
| LABEL_PLURAL_POSTFIX          | varchar2(240)   | Label Plural Postfix            | <input type="checkbox"/>            | Translatable label postfix in plural.                                  |
| LABEL_PLURAL_PREFIX           | varchar2(240)   | Label Plural Prefix             | <input type="checkbox"/>            | Translatable label prefix in plural.                                   |
| LABEL_PLURAL                  | varchar2(4000)  | Label Plural                    | <input type="checkbox"/>            | Translatable label in plural.  |
| LABEL_SINGULAR_COMPOSED       | varchar2(4000)  | Label Singular Composed         | <input type="checkbox"/>            | Translatable label composed of the prefix and the singular label.      |
| LABEL_SINGULAR_I18N           | varchar2(4000)  | Translated Label Singular       |                                     | Translated human-readable label in singular form.                      |
| LABEL_SINGULAR_POSTFIX        | varchar2(240)   | Label Singular Postfix          | <input type="checkbox"/>            | Translatable label postfix in singular.                                |
| LABEL_SINGULAR_PREFIX         | varchar2(240)   | Label Singular Prefix           | <input type="checkbox"/>            | Translatable label prefix in singular.                                 |
| LABEL_SINGULAR                | varchar2(4000)  | Label Singular                  |                                     | Human-readable label in singular form.                                 |
| MAX_LENGTH                    | int32           | Maximum Length                  |                                     | Maximum length.  |
| MINIMUM_LENGTH_PADDING        | varchar2(240)   | Minimum Length Padding          | <input checked="" type="checkbox"/> | Which side padding has to be applied if the minimum length is not met. |
| MINIMUM_LENGTH                | int32           | Minimum Length                  | <input checked="" type="checkbox"/> | Minimum required length for a text field.                              |
| MOST_UNQUALIFIED_NAME         | varchar2(240)   | Most Unqualified Name           | <input checked="" type="checkbox"/> | The most unique name ('users' for 'exactonline.crm.users')             |
| NAME                          | varchar2(240)   | Name                            |                                     | Name of the column.  |
| NULLABLE                      | char            | Nullable                        |                                     | Whether the value is optional.   |
| POSITION                      | int32           | Position                        | <input checked="" type="checkbox"/> | Numeric ID of the column.  |
| PRECISION                     | int16           | Precision                       |                                     | Precision.   |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias            | <input type="checkbox"/>            | Data container alias.  |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID               | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description            | <input checked="" type="checkbox"/> | Provider description.  |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID           | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                                    |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name                   | <input checked="" type="checkbox"/> | Name of the provider.  |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name             | <input checked="" type="checkbox"/> | Provider short name.   |
| SCALE                         | int16           | Scale                           |                                     | Scale.   |
| SOURCE_ADDITIONAL_INFO_1      | varchar2(4000)  | Source Additional Information 1 |                                     | Additional information, no predefined structure.                       |

| Name  | Data Type      | Label   | Required | Documentation  |
|---|----------------|---|----------|--|
| SOURCE_ADDITIONAL_INFO_2                                | varchar2(4000) | Source Additional Information 2                           |          | Additional information, no pre-defined structure.                            |
| SOURCE_ADDITIONAL_INFO_3                                | varchar2(4000) | Source Additional Information 3                           |          | Additional information, no pre-defined structure.                            |
| SOURCE_PATH   | varchar2(4000) | Source Path   |          | Path of the source of the value.   |
| TABLE_CALL_SAFE_NAME                                    | varchar2(240)  | Table Call Safe Name                                      |          | Name for use within SQL with special characters escaped.                     |
| TABLE_CAN_DELETE  | char           | Table Can Delete  |          | Indicator whether you can delete data in this table.                         |
| TABLE_CAN_INSERT  | char           | Table Can Insert  |          | Indicator whether you can insert data in this table.                         |
| TABLE_CAN_SELECT  | char           | Table Can Select  |          | Indicator whether you can select data in this table.                         |
| TABLE_CAN_UPDATE  | char           | Table Can Update  |          | Indicator whether you can update data in this table.                         |
| TABLE_CATALOG_NAME                                      | varchar2(240)  | Table Catalog   |          | Catalog where the tables are contained in.                                   |
| TABLE_CREATION_DATE_UTC                                 | datetime       | Table Creation Date                                       |          | Date at which the table was originally created (UTC).                        |
| TABLE_DESCRIPTION                                       | varchar2(4000) | Table Description   |          | Description of the contents.   |
| TABLE_DOCUMENTATION                                     | varchar2(4000) | Table Documentation                                       |          | Documentation of the table or view.  |
| TABLE_ESTIMATED_NUMBER_OF_ROWS                          | int64          | Table Estimated Number of Rows                            |          | Estimated number of rows in this table per partition.                        |
| TABLE_ESTIMATED_SIZE_BYTES                              | int64          | Table Estimated Size in Bytes                             |          | Estimated size in bytes of this table per partition.                         |
| TABLE_EXAMPLE   | varchar2(4000) | Table Example   |          | Example of the contents.   |
| TABLE_FULL_QUALIFIED_NAME                               | varchar2(240)  | Table Full Qualified Name                                 |          | Full qualified name.   |
| TABLE_FULL_TABLE_SCAN_ROW_RETRIEVAL_TOTAL_CLOCK_TIME_MS | int64          | Table Full Table Scan Row Retrieval Total Clock Time (ms) |          | Total clock time spent retrieving data using full table scans.               |
| TABLE_FULL_TABLE_SCAN_ROWS_RETRIEVED                    | int64          | Table Rows Retrieved during Full Table Scans              |          | Total number of rows retrieved using full table scans.                       |
| TABLE_FULL_TABLE_SCANS_EXECUTED                         | int32          | Table Number of Full Table Scans Executed                 |          | Total number of full table scans executed.                                   |
| TABLE_IS_PARTITION_SPECIFIC                             | char           | Table Is Partition Specific                               |          | Indicator whether the contents of this table typically differ per partition. |
| TABLE_LABEL_LIST  | varchar2(4000) | Table Label for List                                      |          | Label of the table for use in lists.   |
| TABLE_LABEL_PLURAL                                      | varchar2(4000) | Table Label Plural  |          | Label of the table contents in plural form.                                  |
| TABLE_LABEL_SINGULAR                                    | varchar2(4000) | Table Label Singular                                      |          | Label of the table contents in singular form.                                |
| TABLE_LAST_UPDATE_DATE_UTC                              | datetime       | Table Last Update Date                                    |          | Date at which the table's structure was last modified (UTC).                 |

| Name   | Data Type      | Label   | Required                            | Documentation   |
|--|----------------|---|-------------------------------------|---|
| TABLE_MEASURED_AVERAGE_ACCESS_LATENCY_MS         | int64          | Table Measured Average Access Latency (ms)                |                                     | Measured Average Access Latency in milliseconds.  |
| TABLE_NAME                                       | varchar2(240)  | Table Name  |                                     | Name of the table or view .   |
| TABLE_PARAMETERS                                 | varchar2(4000) | Parameters  |                                     | Parameters defined on the table.  |
| TABLE_POINT_QUERIES_EXECUTED_TOTAL_CLOCK_TIME_MS | int64          | Table Total Clock Time Spent Executing Point Queries (ms) |                                     | Total clock time spent retrieving data using point queries.                                   |
| TABLE_POINT_QUERIES_EXECUTED                     | int32          | Table Number of Point Queries Executed                    |                                     | Number of point queries executed.   |
| TABLE_PRIMARY_KEY_FIELD                          | varchar2(4000) | Primary Key Columns                                       |                                     | Primary key column(s) of the table.   |
| TABLE_ROWS_WRITE_TOTAL_CLOCK_TIME_MS             | int64          | Table Total Time Spent Writing Rows (ms)                  |                                     | Total clock time spent writing rows in milliseconds.  |
| TABLE_ROWS_WRITTEN                               | int64          | Table Number of Rows Written                              |                                     | Number of rows written.   |
| TABLE_SCHEMA_NAME                                | varchar2(240)  | Table Schema  |                                     | Schema within the catalog where the table is contained in.                                    |
| TABLE_SHORT_NAME                                 | varchar2(240)  | Table Short Name  |                                     | Typical alias for the table.  |
| TABLE_STATIC_AVERAGE_ACCESS_LATENCY_MS           | int64          | Table Static Average Access Latency (ms)                  |                                     | Statically determined average access latency in milliseconds.                                 |
| TABLE_STATIC_AVERAGE_FULL_SCAN_ROWS_PER_MINUTE   | int32          | Table Static Average Rows per Minute on Full Scan         |                                     | Statically determined average number of rows accessible per minute.                           |
| TABLE_STATIC_AVERAGE_POINT_QUERY_ROWS_PER_MINUTE | int32          | Table Static Average Rows per Minute on Point Query       |                                     | Statically determined average of points queries throughput per minute.                        |
| TABLE_STATIC_AVERAGE_WRITE_ROWS_PER_MINUTE       | int32          | Table Static Average Rows per Minute Written              |                                     | Statically determined throughput of written rows per minute.                                  |
| TABLE_TYPE                                       | varchar2(30)   | Table Type  |                                     | Type, can be either 'view' or 'table'.  |
| TABLE_VALID                                      | char           | Table Valid   |                                     | Whether the structure of the table is valid.  |
| TABLE_WRITES_EXECUTED                            | int32          | Table Number of Writes                                    |                                     | Total number of writes executed.  |
| USER_CHANGEABLE                                  | char           | User Changeable   | <input checked="" type="checkbox"/> | Whether the column's value can be changed ever by a human user with sufficient access rights. |

**SYSTEMTABLECOLUMNSLIVE: Data Dictionary Live Retrieved Table Columns**

Live retrieval of the available columns per table per data container.

Catalog: DataDictionary

Schema: Invantive

Alias: tce

Label: Live Retrieved Table Columns

Documentation:

Availability varies per platform.

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

## View Columns

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

| Name                   | Data Type     | Label                       | Required                            | Documentation   |
|------------------------|---------------|-----------------------------|-------------------------------------|---|
| CLIENT_SIDE_CACHEABLE  | char          | Table Client-Side Cacheable |                                     | Are the contents eligible for caching on the client?          |
| DATA_CONTAINER_ALIAS   | varchar2(240) | Data Container Alias        | <input type="checkbox"/>            | Alias of the data container.                                  |
| DATABASE_DATA_TYPE     | varchar2      | Database Data Type          |                                     | Data type in the database.                                    |
| DOCUMENTATION          | varchar2      | Documentation               |                                     | Documentation.  |
| DOTNET_DATA_TYPE       | varchar2      | .NET Data Type              |                                     | Data type for .NET.   |
| GET_VALUE              | varchar2      | Get Value                   | <input type="checkbox"/>            | Function used for post-processing.                            |
| ID                     | int32         | ID                          |                                     | Unique ID of the column.                                      |
| IS_NEW                 | char          | Is New                      |                                     | Is the field new .  |
| LABEL_SINGULAR         | varchar2      | Label Singular              |                                     | Human-readable label in singular form.                        |
| MAX_LENGTH             | int64         | Maximum Length              |                                     | Maximum length.   |
| NAME                   | varchar2      | Name                        |                                     | Name of the column.   |
| NULLABLE               | char          | Nullable                    |                                     | Whether the value is optional.                                |
| POST_PROCESS_GET_VALUE | varchar2      | Post-process Get Value      | <input type="checkbox"/>            | Whether the value is completed by Invantive after processing. |
| PRECISION              | int64         | Precision                   |                                     | Precision.  |
| PROVIDER_INSTANCE_UID  | guid          | Provider Instance UID       | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                           |
| SCALE                  | int64         | Scale                       |                                     | Scale.  |
| SERVICE_URL            | varchar2      | URL                         |                                     | URL being accessed  |
| TABLE_CALL_SAFE_NAME   | varchar2      | Table Call Safe Name        |                                     | Name for use within SQL with special characters escaped.      |
| TABLE_CAN_DELETE       | char          | Table Can Delete            |                                     | Indicator whether you can delete data in this table.          |
| TABLE_CAN_INSERT       | char          | Table Can Insert            |                                     | Indicator whether you can insert data in this table.          |
| TABLE_CAN_SELECT       | char          | Table Can Select            |                                     | Indicator whether you can select data in this table.          |
| TABLE_CAN_UPDATE       | char          | Table Can Update            |                                     | Indicator whether you can update data in this table.          |
| TABLE_CATALOG_NAME     | varchar2      | Table Catalog               |                                     | Catalog where the tables are contained in.                    |

| Name                           | Data Type | Label                          | Required | Documentation  |
|--------------------------------|-----------|--------------------------------|----------|--|
| TABLE_CREATION_DATE_UTC        | datetime  | Table Creation Date            |          | Date at which the table was originally created (UTC).                        |
| TABLE_DESCRIPTION              | varchar2  | Table Description              |          | Description of the contents.   |
| TABLE_DOCUMENTATION            | varchar2  | Table Documentation            |          | Documentation of the table or view.  |
| TABLE_ESTIMATED_NUMBER_OF_ROWS | int64     | Table Estimated Number of Rows |          | Estimated number of rows in this table per partition.                        |
| TABLE_ESTIMATED_SIZE_BYTES     | int64     | Table Estimated Size in Bytes  |          | Estimated size in bytes of this table per partition.                         |
| TABLE_EXAMPLE                  | varchar2  | Table Example                  |          | Example of the contents.   |
| TABLE_IS_NEW                   | char      | Table is New                   |          | Is the table new.  |
| TABLE_IS_PARTITION_SPECIFIC    | char      | Table Is Partition Specific    |          | Indicator whether the contents of this table typically differ per partition. |
| TABLE_LABEL_LIST               | varchar2  | Table Label for List           |          | Label of the table for use in lists.   |
| TABLE_LABEL_PLURAL             | varchar2  | Table Label Plural             |          | Label of the table contents in plural form.                                  |
| TABLE_LABEL_SINGULAR           | varchar2  | Table Label Singular           |          | Label of the table contents in singular form.                                |
| TABLE_LAST_UPDATE_DATE_UTC     | datetime  | Table Last Update Date         |          | Date at which the table's structure was last modified (UTC).                 |
| TABLE_NAME                     | varchar2  | Table Name                     |          | Name of the table or view.   |
| TABLE_PRIMARY_KEY_FIELD        | varchar2  | Table Primary key              |          | The primary key field of the table.  |
| TABLE_SCHEMA_NAME              | varchar2  | Table Schema                   |          | Schema within the catalog where the table is contained in.                   |
| TABLE_SHORT_NAME               | varchar2  | Table Short Name               |          | Typical alias for the table.   |
| TABLE_TYPE                     | varchar2  | Table Type                     |          | Type, can be either 'view' or 'table'.                                       |
| TABLE_VALID                    | char      | Table Valid                    |          | Whether the structure of the table is valid.                                 |

### SYSTEMTABLEFUNCTIONPARAMETERS: Data Dictionary Table Function Parameters

Parameters per table per data container.

Catalog: DataDictionary

Schema: Invantive

Alias: `tfr`

Label: Table Function Parameters

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

## View Columns

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

| Name                          | Data Type       | Label                     | Required                            | Documentation  |
|-------------------------------|-----------------|---------------------------|-------------------------------------|--|
| DATA_FORMAT                   | varchar2(60)    | Data Format               | <input type="checkbox"/>            | Data format.   |
| DATABASE_DATA_TYPE            | varchar2        | Database Data Type        |                                     | Data type in the database.                                 |
| DEFAULT_VALUE                 | varchar2        | Default Value             | <input type="checkbox"/>            | Default value.   |
| DOCUMENTATION                 | varchar2        | Documentation             |                                     | Documentation.   |
| DOTNET_DATA_TYPE              | varchar2        | .NET Data Type            |                                     | Data type for .NET.  |
| ID                            | int32           | ID                        |                                     | Unique ID of the column.                                   |
| NAME                          | varchar2        | Name                      |                                     | Name of the column.  |
| PRESENCE_REQUIRED             | char            | Presence Required         |                                     | Whether the presence of a value is required.               |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000)  | Data Container Alias      | <input type="checkbox"/>            | Data container alias.                                      |
| PROVIDER_DATA_CONTAINER_ID    | varchar2(4000)  | Data Container ID         | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION          | varchar2(16000) | Provider Description      | <input checked="" type="checkbox"/> | Provider description.                                      |
| PROVIDER_INSTANCE_UID         | guid            | Provider Instance UID     | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                        |
| PROVIDER_NAME                 | varchar2(240)   | Provider Name             | <input checked="" type="checkbox"/> | Name of the provider.                                      |
| PROVIDER_SHORT_NAME           | varchar2(240)   | Provider Short Name       | <input checked="" type="checkbox"/> | Provider short name.                                       |
| SORTING_ORDER                 | int32           | Sort Order                |                                     | Sorting order of the parameter within the table function.  |
| TABLE_CATALOG_NAME            | varchar2        | Table Catalog             |                                     | Catalog where the tables are contained in.                 |
| TABLE_FULL_QUALIFIED_NAME     | varchar2(240)   | Table Full Qualified Name |                                     | Full qualified name.                                       |
| TABLE_NAME                    | varchar2        | Table Name                |                                     | Name of the table or view.                                 |
| TABLE_SCHEMA_NAME             | varchar2        | Table Schema              |                                     | Schema within the catalog where the table is contained in. |
| TABLE_TYPE                    | varchar2        | Table Type                |                                     | Type, can be either 'view' or 'table'.                     |

### SYSTEMTABLEFUNCTIONPARAMETERSLIVE: Data Dictionary Live Retrieve Table Function Parameters

Live retrieval of the available parameters per table per data container.

Catalog: DataDictionary

Schema: Invantive

Alias: tfe

Label: Live Retrieve Table Function Parameters

Documentation:

Availability varies per platform.

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

## View Columns

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

| Name                  | Data Type     | Label                 | Required                            | Documentation  |
|-----------------------|---------------|-----------------------|-------------------------------------|--|
| DATA_CONTAINER_ALIAS  | varchar2(240) | Data Container Alias  | <input type="checkbox"/>            | Alias of the data container.                               |
| DATABASE_DATA_TYPE    | varchar2      | Database Data Type    |                                     | Data type in the database.                                 |
| DEFAULT_VALUE         | varchar2      | Default Value         | <input type="checkbox"/>            | Default value.   |
| DOCUMENTATION         | varchar2      | Documentation         |                                     | Documentation.   |
| DOTNET_DATA_TYPE      | varchar2      | .NET Data Type        |                                     | Data type for .NET.  |
| ID                    | int32         | ID                    |                                     | Unique ID of the column.                                   |
| IS_NEW                | char          | Is New                |                                     | Is the parameter new .                                     |
| NAME                  | varchar2      | Name                  |                                     | Name of the column.  |
| PRESENCE_REQUIRED     | char          | Presence Required     |                                     | Whether the presence of a value is required.               |
| PROVIDER_INSTANCE_UID | guid          | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.                        |
| SERVICE_URL           | varchar2      | URL                   |                                     | URL being accessed   |
| SORTING_ORDER         | int32         | Sort Order            |                                     | Sorting order of the parameter within the table function.  |
| TABLE_CALL_SAFE_NAME  | varchar2      | Table Call Safe Name  |                                     | Name for use within SQL with special characters escaped.   |
| TABLE_CATALOG_NAME    | varchar2      | Table Catalog         |                                     | Catalog where the tables are contained in.                 |
| TABLE_IS_NEW          | char          | Table is New          |                                     | Is the table new .   |
| TABLE_NAME            | varchar2      | Table Name            |                                     | Name of the table or view .                                |
| TABLE_SCHEMA_NAME     | varchar2      | Table Schema          |                                     | Schema within the catalog where the table is contained in. |
| TABLE_TYPE            | varchar2      | Table Type            |                                     | Type, can be either 'view' or 'table'.                     |

### SYSTEMTABLES: Data Dictionary Tables

Tables, function tables and views per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: tbe

Label: Tables

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

## View Columns

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

| Name                       | Data Type     | Label                        | Required                 | Documentation  |
|----------------------------|---------------|------------------------------|--------------------------|--|
| CACHE_RESULT               | char          | Cache Result                 | <input type="checkbox"/> | Whether the result of the execution can be cached for the lifetime of the statement. |
| CALL_SAFE_NAME             | varchar2      | Call Safe Name               |                          | Name for use within SQL with special characters escaped.                             |
| CAN_DELETE                 | char          | Can Delete                   |                          | Indicator whether you can delete data in this table.                                 |
| CAN_INSERT                 | char          | Can Insert                   |                          | Indicator whether you can insert data in this table.                                 |
| CAN_SELECT                 | char          | Can Select                   |                          | Indicator whether you can select data in this table.                                 |
| CAN_UPDATE                 | char          | Can Update                   |                          | Indicator whether you can update data in this table.                                 |
| CATALOG                    | varchar2      | Catalog                      |                          | Catalog where the tables are contained in.   |
| CLIENT_SIDE_CACHEABLE      | char          | Client-Side Cacheable        |                          | Are the contents eligible for caching on the client?                                 |
| CREATION_DATE_UTC          | datetime      | Creation Date                |                          | Date at which the table was originally created (UTC).                                |
| DESCRIPTION                | varchar2      | Description                  |                          | Description of the contents.   |
| DOCUMENTATION              | varchar2      | Documentation                |                          | Documentation.   |
| EDI_CLASS_NAME             | varchar2(240) | EDI Class Name               | <input type="checkbox"/> | EDI: master class name.  |
| EDI_PATH_FROM_MASTER       | varchar2(240) | EDI Path from Master         | <input type="checkbox"/> | EDI: path from the master instance.  |
| ESTIMATED_NUMBER_OF_ROWS   | int64         | Estimated Number of Rows     |                          | Estimated number of rows in this table per partition.                                |
| ESTIMATED_SIZE_BYTES       | int64         | Estimated Size in Bytes      |                          | Estimated size in bytes of this table per partition.                                 |
| EXAMPLE                    | varchar2      | Example                      |                          | Example of the contents.   |
| FULL_QUALIFIED_NAME        | varchar2      | Full Qualified Name          |                          | Fully qualified name.  |
| FULL_SCAN_ROWS             | int64         | Full Scan (rows)             |                          | Number of full scans row processed.  |
| FULL_SCANS_ELAPSED_TIME_MS | int64         | Full Scans Elapsed Time (ms) |                          | Time elapsed during full scans (ms).   |
| FULL_SCANS_EXECUTED        | int32         | Full Scans Executed          |                          | Number of full scans executed.   |
| ID                         | int32         | ID                           |                          | Unique ID of the table.  |
| IS_PARTITION_SPECIFIC      | char          | Is Partition Specific        |                          | Indicator whether the contents of this table typically differ per partition.         |
| LABEL_LIST_I18N            | varchar2      | Translated Label List        |                          | Translated label of the table for use in lists.                                      |
| LABEL_LIST                 | varchar2      | Label for List               |                          | Label of the table for use in lists.   |
| LABEL_PLURAL_I18N          | varchar2      | Translated Label Plural      |                          | Label of the table contents in plural form.  |
| LABEL_PLURAL               | varchar2      | Label Plural                 |                          | Label of the table contents in plural form.  |

| Name   | Data Type       | Label   | Required                            | Documentation  |
|--|-----------------|---|-------------------------------------|--|
| LABEL_SINGULAR_I18N                          | varchar2        | Translated Label Singular                           |                                     | Translated label of the table contents in singular form.   |
| LABEL_SINGULAR                               | varchar2        | Label Singular                                      |                                     | Label of the table contents in singular form.  |
| LAST_UPDATE_DATE_UTC                         | datetime        | Last Update Date                                    |                                     | Date at which the table's structure was last modified (UTC).   |
| MEASURED_AVERAGE_ACCESS_LATENCY_MS           | int64           | Measured Average Access Latency (ms)                |                                     | Measured average round-trip latency in milliseconds (across cloud: network latency + disks + reception, on SCSI: disks) statically configured. |
| MEASURED_AVERAGE_FULL_SCAN_ROWS_PER_MINUTE   | int32           | Measured Average Number Full Scan Rows per Minute   |                                     | Measured average number of rows that fetched per minute on a full table scan.  |
| MEASURED_AVERAGE_POINT_QUERY_ROWS_PER_MINUTE | int32           | Measured Average Number Point Query Rows per Minute |                                     | Measured average number of rows processed per minute on point queries.   |
| MEASURED_AVERAGE_WRITE_ROWS_PER_MINUTE       | int32           | Measured Average Number Rows Written per Minute     |                                     | Measured average number of rows written per minute.  |
| NAME   | varchar2        | Name  |                                     | Name of the table or view.   |
| ODATA_BASE_PATH                              | varchar2(240)   | OData Base Path                                     | <input type="checkbox"/>            | OData: base path.  |
| ODATA_FIELD_SELECTION_METHOD                 | varchar2(240)   | OData Field Selection Method                        | <input type="checkbox"/>            | OData: field selection method.   |
| ODATA_METADATA_URL                           | varchar2(4000)  | OData Metadata URL                                  | <input type="checkbox"/>            | OData: URL for retrieving metadata.  |
| ODATA_SERVER_SIDE_FILTERS                    | varchar2        | OData Server-side Filters                           | <input type="checkbox"/>            | OData: text representation of server-side filters.   |
| ODATA_SERVICE_URL_FOR_DELETE                 | varchar2(4000)  | OData Service URL for Delete                        | <input type="checkbox"/>            | OData: service URL for deleting data.  |
| ODATA_SERVICE_URL_FOR_INSERT                 | varchar2(4000)  | OData Service URL for Insert                        | <input type="checkbox"/>            | OData: service URL for inserting data.   |
| ODATA_SERVICE_URL_FOR_SELECT                 | varchar2(4000)  | OData Service URL for Select                        | <input type="checkbox"/>            | OData: service URL for retrieving data.  |
| ODATA_SERVICE_URL_FOR_UPDATE                 | varchar2(4000)  | OData Service URL for Update                        | <input type="checkbox"/>            | OData: service URL for updating data.  |
| POINT_QUERIES_ELAPSED_TIME_MS                | int64           | Time Spent in Point Queries (ms)                    |                                     | Time elapsed during point queries (ms).  |
| POINT_QUERIES_EXECUTED                       | int32           | Rows through Point Queries                          |                                     | Number of point queries executed.  |
| PRIMARY_KEY_FIELD                            | varchar2(4000)  | Primary Key Columns                                 |                                     | Primary key column(s) of the table.  |
| PROVIDER_DATA_CONTAINER_ALIAS                | varchar2(4000)  | Data Container Alias                                | <input type="checkbox"/>            | Data container alias.  |
| PROVIDER_DATA_CONTAINER_ID                   | varchar2(4000)  | Data Container ID                                   | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION                         | varchar2(16000) | Provider Description                                | <input checked="" type="checkbox"/> | Provider description.  |
| PROVIDER_INSTANCE_UID                        | guid            | Provider Instance UID                               | <input checked="" type="checkbox"/> | Unique ID of the provider instance.  |
| PROVIDER_NAME                                | varchar2(240)   | Provider Name                                       | <input checked="" type="checkbox"/> | Name of the provider.  |

| Name                                       | Data Type      | Label   | Required                            | Documentation   |
|--|----------------|---|-------------------------------------|---|
| PROVIDER_SHORT_NAME                        | varchar2(240)  | Provider Short Name                           | <input checked="" type="checkbox"/> | Provider short name.  |
| SCHEMA                                     | varchar2       | Schema  |                                     | Schema within the catalog where the table is contained in.  |
| SHORT_NAME                                 | varchar2       | Short Name                                    |                                     | Typical alias for the table.  |
| SOAP_ACTION                                | varchar2(240)  | SOAP Action                                   | <input type="checkbox"/>            | SOAP: action.   |
| STATIC_AVERAGE_ACCESS_LATENCY_MS           | int64          | Static Average Access Latency (ms)            |                                     | Technical average round-trip latency in milliseconds (across cloud: network latency + disks + reception, on SCSI: disks) statically configured. |
| STATIC_AVERAGE_FULL_SCAN_ROWS_PER_MINUTE   | int32          | Static Average Rows per Minute on Full Scan   |                                     | Average number of rows that fetched per minute on a full table scan, statically configured.   |
| STATIC_AVERAGE_POINT_QUERY_ROWS_PER_MINUTE | int32          | Static Average Rows per Minute on Point Query |                                     | Average number of rows processed per minute on point queries, statically configured.  |
| STATIC_AVERAGE_WRITE_ROWS_PER_MINUTE       | int32          | Static Average Rows per Minute Written        |                                     | Average number of rows written per minute, statically configured.   |
| SWAGGER_CONTENT_TYPE                       | varchar2(240)  | Swagger Content Type                          | <input type="checkbox"/>            | SWAGGER: content type.  |
| SWAGGER_DELETE_OPERATION                   | varchar2(240)  | Swagger Delete Operation                      | <input type="checkbox"/>            | SWAGGER: delete operation.  |
| SWAGGER_INSERT_OPERATION                   | varchar2(240)  | Swagger Insert Operation                      | <input type="checkbox"/>            | SWAGGER: insert operation.  |
| SWAGGER_PRE_MAPPING_TABLE_NAME             | varchar2(240)  | Swagger Pre Mapping Table Name                | <input type="checkbox"/>            | SWAGGER: pre-mapping table name.  |
| SWAGGER_RESPONSE_SCHEMA                    | varchar2(240)  | Swagger Response Schema                       | <input type="checkbox"/>            | SWAGGER: response schema.   |
| SWAGGER_SELECT_OPERATION                   | varchar2(240)  | Swagger Select Operation                      | <input type="checkbox"/>            | SWAGGER: select operation.  |
| SWAGGER_UPDATE_OPERATION                   | varchar2(240)  | Swagger Update Operation                      | <input type="checkbox"/>            | SWAGGER: update operation.  |
| TABLE_PARAMETERS                           | varchar2(4000) | Parameters                                    |                                     | Parameters defined on the table.  |
| TYPE                                       | varchar2       | Type  |                                     | Type, can be either 'view' or 'table'.  |
| VALID                                      | char           | Valid   |                                     | Whether the structure of the table is valid.  |
| WEBHOOK_KEY_FIELD                          | varchar2(4000) | Webhook Key Column                            | <input type="checkbox"/>            | Key column on webhook messages.   |
| WEBHOOK_TOPIC                              | varchar2(4000) | Topic   | <input type="checkbox"/>            | Webhook topic.  |
| WRITE_ELAPSED_TIME_MS                      | int64          | Elapsed Write Time (ms)                       |                                     | Time elapsed during point queries (ms).   |
| WRITES_EXECUTED                            | int32          | Writes Executed                               |                                     | Number of writes executed.  |
| WRITTEN_ROWS                               | int64          | Rows Written                                  |                                     | Number of rows written.   |
| XML_BASE_XPATH                             | varchar2(240)  | Base XPath                                    | <input type="checkbox"/>            | XML: XPath expression which forms the root containing all rows.   |

| Name                         | Data Type     | Label                    | Required                 | Documentation   |
|------------------------------|---------------|--------------------------|--------------------------|---|
| XML_DEFAULT_NAMESPACE_PREFIX | varchar2(240) | Default Namespace Prefix | <input type="checkbox"/> | XML: default namespace prefix.  |
| XML_NAMED_COMPLEX_TYPE       | varchar2(240) | Named Complex Type       | <input type="checkbox"/> | XML: name of the complex type.  |
| XML_SERVER_SIDE_FILTERS      | varchar2      | Server-side Filters      | <input type="checkbox"/> | XML: text representation of server-side filters.  |
| XML_SERVICE_URL              | varchar2(240) | Service URL              | <input type="checkbox"/> | XML: Service URL.   |
| XML_TOPIC                    | varchar2(240) | Topic                    | <input type="checkbox"/> | XML: topic or action as known on the remote server. Defaults to Name when not set.  |
| XML_XPATH                    | varchar2(240) | XPath                    | <input type="checkbox"/> | XML: XPath expression for the data when specified or the root otherwise. The XPath typically does NOT include the base XPath. |

### SYSTEMTIMEZONES: Data Dictionary Time Zones

Timezones.

Catalog: DataDictionary

Schema: Invantive

Alias: tze

Label: Time Zones

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

### View Columns

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

| Name         | Data Type    | Label                | Required                            | Documentation         |
|--------------|--------------|----------------------|-------------------------------------|-----------------------|
| ABBREVIATION | varchar2(6)  | Abbreviation         | <input checked="" type="checkbox"/> | Abbreviation.         |
| COUNTRY_CODE | varchar2(2)  | Country Code         | <input checked="" type="checkbox"/> | ISO country code.     |
| DST          | boolean      | Daylight Saving Time | <input checked="" type="checkbox"/> | Has DST.              |
| END_DATE     | datetime     | End Date             | <input type="checkbox"/>            | End time (exclusive). |
| GMT_OFFSET   | int32        | GMT Offset           | <input checked="" type="checkbox"/> | GMT offset.           |
| NAME         | varchar2(30) | Name                 | <input checked="" type="checkbox"/> | Name in English.      |
| START_DATE   | datetime     | Start Date           | <input checked="" type="checkbox"/> | Start time.           |

### SYSTEMTRANSLATIONS: Data Dictionary Translations

Available translations of a resource code into the current user interface language.

Catalog: DataDictionary

Schema: Invantive

Alias: `tln`

Label: Translations

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

## View Columns

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

| Name                             | Data Type                   | Label               | Required                            | Documentation                             |
|----------------------------------|-----------------------------|---------------------|-------------------------------------|---|
| <code>INITIAL_TRANSLATION</code> | <code>varchar2(4000)</code> | Initial Translation | <input type="checkbox"/>            | Initial translation of the resource code. |
| <code>LANGUAGE_CODE</code>       | <code>varchar2(240)</code>  | Language Code       | <input checked="" type="checkbox"/> | Language code.                            |
| <code>RESOURCE_CODE</code>       | <code>varchar2(240)</code>  | Resource Code       | <input checked="" type="checkbox"/> | Code of the resource.                     |

### SYSTEMUSERS: Data Dictionary System Users

Known users.

Catalog: `DataDictionary`

Schema: `Invantive`

Alias: `usr`

Label: System Users

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

## View Columns

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

| Name                                  | Data Type                  | Label                              | Required                 | Documentation                                |
|---------------------------------------|----------------------------|------------------------------------|--------------------------|--|
| <code>CODE</code>                     | <code>varchar2(240)</code> | Code                               | <input type="checkbox"/> | Code.  |
| <code>COMPANY_ADDRESS_LINE_1</code>   | <code>varchar2(240)</code> | User Company Address Line 1        | <input type="checkbox"/> | Address line 1 of the company of the user.   |
| <code>COMPANY_ADDRESS_LINE_2</code>   | <code>varchar2(240)</code> | User Company Address Line 2        | <input type="checkbox"/> | Address line 2 of the company of the user.   |
| <code>COMPANY_ADDRESS_LINE_3</code>   | <code>varchar2(240)</code> | User Company Address Line 2        | <input type="checkbox"/> | Address line 3 of the company of the user.   |
| <code>COMPANY_BIC</code>              | <code>varchar2(240)</code> | Company BIC                        | <input type="checkbox"/> | BIC of company of user.                      |
| <code>COMPANY_CITY</code>             | <code>varchar2(240)</code> | Company City                       | <input type="checkbox"/> | City of the company of the user.             |
| <code>COMPANY_COC_NUMBER</code>       | <code>varchar2(240)</code> | Company Chamber of Commerce Number | <input type="checkbox"/> | CoC number of the company of the user.       |
| <code>COMPANY_DATE_ESTABLISHED</code> | <code>date</code>          | User Company Established           | <input type="checkbox"/> | Date established of the company of the user. |

| Name                      | Data Type     | Label                          | Required                            | Documentation                                     |
|---------------------------|---------------|--------------------------------|-------------------------------------|---|
| COMPANY_EMAIL_ADDRESS     | varchar2(240) | Company Email Address          | <input type="checkbox"/>            | Email address of the company of the user.         |
| COMPANY_EMPLOYEES         | int32         | User Company Employees         | <input type="checkbox"/>            | Number of employees of the company of the user.   |
| COMPANY_IBAN              | varchar2(240) | Company IBAN                   | <input type="checkbox"/>            | IBAN of company of user.                          |
| COMPANY_ID                | varchar2(240) | Company ID                     | <input type="checkbox"/>            | ID of company of user.                            |
| COMPANY_LEGAL_STRUCTURE   | varchar2(240) | User Company Legal Structure   | <input type="checkbox"/>            | Legal structure of the company of the user.       |
| COMPANY_NAME              | varchar2(240) | Company Name                   | <input type="checkbox"/>            | Name of company of user.                          |
| COMPANY_PAYPAL_IDENTIFIER | varchar2(240) | User Company PayPal Identifier | <input type="checkbox"/>            | PayPal identifier of the company of the user.     |
| COMPANY_PHONE             | varchar2(240) | Company Phone                  | <input type="checkbox"/>            | Phone number of company of user.                  |
| COMPANY_RSIN_NUMBER       | varchar2(240) | Company RSIN Number            | <input type="checkbox"/>            | RSIN number of company of user.                   |
| COMPANY_SIRET_NUMBER      | varchar2(240) | Company SIRET Number           | <input type="checkbox"/>            | SIRET number of company of user.                  |
| COMPANY_TRADENAMES        | varchar2(240) | User Company Tradenames        | <input type="checkbox"/>            | Tradenames of the company of the user.            |
| COMPANY_VAT_NUMBER        | varchar2(240) | Company VAT Number             | <input type="checkbox"/>            | VAT number of company of user.                    |
| COMPANY_WEB_SITE          | varchar2(240) | Company Web Site               | <input type="checkbox"/>            | Website of company of user.                       |
| EMAIL_ADDRESS             | varchar2(240) | Email Address                  | <input type="checkbox"/>            | Email address.                                    |
| FIRST_NAME                | varchar2(240) | First Name                     | <input type="checkbox"/>            | First name.                                       |
| GENDER                    | varchar2(240) | Gender                         | <input type="checkbox"/>            | Gender.   |
| ID                        | number        | ID                             | <input checked="" type="checkbox"/> | ID.   |
| LANGUAGE                  | varchar2(240) | Language                       | <input type="checkbox"/>            | Language.   |
| LAST_LOGON_TIME           | datetime      | Last Logon                     | <input type="checkbox"/>            | Last Logon Time (UTC).                            |
| LAST_NAME                 | varchar2(240) | Last Name                      | <input type="checkbox"/>            | Last name.  |
| LINKED_IN                 | varchar2(240) | LinkedIn                       | <input type="checkbox"/>            | LinkedIn account.                                 |
| LOG_ON_CODE               | varchar2(240) | Log On Code                    | <input type="checkbox"/>            | Log on code.                                      |
| MIDDLE_NAME               | varchar2(240) | Middle Name                    | <input type="checkbox"/>            | Middle name.                                      |
| MOBILE_NUMBER             | varchar2(240) | Mobile Number                  | <input type="checkbox"/>            | Mobile phone number.                              |
| NAME                      | varchar2(240) | Name                           | <input type="checkbox"/>            | Name.   |
| NATIONALITY               | varchar2(240) | Nationality                    | <input type="checkbox"/>            | Nationality.                                      |
| PHONE_NUMBER              | varchar2(240) | Phone Number                   | <input type="checkbox"/>            | Phone number.                                     |
| PICTURE_BLOB              | blob          | Picture                        | <input type="checkbox"/>            | Binary representation of the picture of the user. |
| PICTURE_MIME_TYPE         | varchar2(240) | MIME Type                      | <input type="checkbox"/>            | MIME type of picture of user.                     |
| PICTURE_URL               | varchar2(240) | Picture (URL)                  | <input type="checkbox"/>            | URL to picture of user.                           |
| SKYPE                     | varchar2(240) | Skype                          | <input type="checkbox"/>            | Skype address.                                    |
| TITLE                     | varchar2(240) | Title                          | <input type="checkbox"/>            | Title.  |
| TWITTER                   | varchar2(240) | Twitter                        | <input type="checkbox"/>            | Twitter address.                                  |
| WEBSITE                   | varchar2(240) | Website                        | <input type="checkbox"/>            | Personal website.                                 |

**SYSTEMUTCOFFSETS: Data Dictionary UTC Offsets**

UTC offsets.

Catalog: DataDictionary

Schema: Invantive

Alias: uot

Label: UTC Offsets

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

**View Columns**

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

| Name       | Data Type     | Label            | Required                            | Documentation               |
|------------|---------------|------------------|-------------------------------------|-----------------------------|
| NAME       | varchar2(240) | Name             | <input checked="" type="checkbox"/> | Name in English.            |
| OFFSET_MIN | uint16        | Offset (minutes) | <input checked="" type="checkbox"/> | Offset from UTC in minutes. |

**SYSTEMVIEWS: Data Dictionary Database Views**

Views per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: viw

Label: Database Views

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

**View Columns**

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

| Name                          | Data Type      | Label                | Required                 | Documentation                             |
|-------------------------------|----------------|----------------------|--------------------------|---|
| CATALOG                       | varchar2       | Catalog              |                          | Catalog where the views are contained in. |
| DESCRIPTION                   | varchar2       | Description          |                          | Description.                              |
| ID                            | int32          | ID                   |                          | Unique ID of the view.                    |
| NAME                          | varchar2       | Name                 |                          | Name of the view.                         |
| PROVIDER_DATA_CONTAINER_ALIAS | varchar2(4000) | Data Container Alias | <input type="checkbox"/> | Data container alias.                     |

| Name                       | Data Type       | Label                 | Required                            | Documentation  |
|----------------------------|-----------------|-----------------------|-------------------------------------|--|
| PROVIDER_DATA_CONTAINER_ID | varchar2(4000)  | Data Container ID     | <input type="checkbox"/>            | Data container ID.   |
| PROVIDER_DESCRIPTION       | varchar2(16000) | Provider Description  | <input checked="" type="checkbox"/> | Provider description.  |
| PROVIDER_INSTANCE_UID      | guid            | Provider Instance UID | <input checked="" type="checkbox"/> | Unique ID of the provider instance.  |
| PROVIDER_NAME              | varchar2(240)   | Provider Name         | <input checked="" type="checkbox"/> | Name of the provider.  |
| PROVIDER_SHORT_NAME        | varchar2(240)   | Provider Short Name   | <input checked="" type="checkbox"/> | Provider short name.   |
| QUERY                      | varchar2        | SQL Query             |                                     | SQL query defining the view contents. Only available for non-integrated views. |
| SCHEMA                     | varchar2        | Schema                |                                     | Schema within the catalog where the view is contained in.                      |

### TIPSBYTERM: Data Dictionary Tips by Term

Tips by term.

Catalog: DataDictionary

Schema: Invantive

Alias: `ttm`

Label: Tips by Term

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

## Parameters of Table Function

The following parameters can be used to control the behaviour of the table function `TIPSBYTERM`. 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   |
|-----------------------|-----------|--------------------------|---------------|---|
| Category              |           | <input type="checkbox"/> |               | Category.   |
| IncludeOtherLanguages |           | <input type="checkbox"/> |               | Include other tips in other languages than the preferred and fallback language. |

| Name                         | Data Type | Required                            | Default Value | Documentation                                 |
|------------------------------|-----------|-------------------------------------|---------------|---|
| MessageCode                  |           | <input checked="" type="checkbox"/> |               | Message code to search.                       |
| PreferredLanguageCode        |           | <input type="checkbox"/>            |               | Preferred language code.                      |
| SortingOrder                 |           | <input type="checkbox"/>            |               | Sorting order, such as 'view s' or 'created'. |
| Tags                         |           | <input type="checkbox"/>            |               | List of tags, separated by a comma (',').     |
| UltimateFallbackLanguageCode |           | <input type="checkbox"/>            |               | Fallback language code (optional).            |

## Columns of Table Function

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

| Name             | Data Type     | Label             | Required                            | Documentation |
|------------------|---------------|-------------------|-------------------------------------|---------------|
| CreatedUtc       | datetime      | Created           | <input type="checkbox"/>            |               |
| HasAnswer        | boolean       | Has Answer        | <input checked="" type="checkbox"/> |               |
| InteractionCount | int32         | Interaction Count | <input checked="" type="checkbox"/> |               |
| IsQuestion       | boolean       | Is Boolean        | <input checked="" type="checkbox"/> |               |
| LanguageCode     | varchar2(2)   | Language Code     | <input checked="" type="checkbox"/> |               |
| ModifiedUtc      | datetime      | Modified          | <input type="checkbox"/>            |               |
| ReadMoreUrl      | varchar2      | URL               | <input type="checkbox"/>            |               |
| Tags             | varchar2      | Tags              | <input type="checkbox"/>            |               |
| Title            | varchar2(240) | Title             | <input checked="" type="checkbox"/> |               |

### USERMESSAGES: Data Dictionary User Messages

User messages retrieved from Invantive Customer Service.

Catalog: DataDictionary

Schema: Invantive

Alias: ume

Label: User Messages

Documentation:

Fatal messages are typically never found in this table, since they would already have caused the application to exit.

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

## View Columns

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

| Name                   | Data Type      | Label                    | Required                            | Documentation   |
|------------------------|----------------|--------------------------|-------------------------------------|---|
| ACTION1_TEXT           | varchar2(4000) | Action 1 Text            | <input type="checkbox"/>            | Action 1 text.  |
| ACTION1_URL            | varchar2(4000) | Action 1 URL             | <input type="checkbox"/>            | Action 1 URL.   |
| FATAL_FLAG             | boolean        | Fatal                    | <input checked="" type="checkbox"/> | Whether the message should cause an exit of the app.              |
| ID                     | number         | ID                       | <input type="checkbox"/>            | Unique ID.  |
| INSTANTIATED_UTC       | datetime       | Instantiated             | <input checked="" type="checkbox"/> | Moment at which the message was registered on local device (UTC). |
| LABEL                  | varchar2(240)  | Label                    | <input type="checkbox"/>            | Unique label.   |
| LEVEL                  | varchar2(240)  | Level                    | <input checked="" type="checkbox"/> | Level.  |
| MAX_NUMBER_OF_SHOWS    | int32          | Maximum Number of Shows  | <input type="checkbox"/>            | Maximum number of shows of the message.                           |
| MESSAGE_CODE           | varchar2(60)   | Message Code             | <input type="checkbox"/>            | Message code.   |
| TEXT                   | varchar2(4000) | Message Text             | <input type="checkbox"/>            | Text.   |
| TIME_BETWEEN_SHOWS_SEC | int32          | Time between Shows (sec) | <input type="checkbox"/>            | Minimum time between two shows in seconds.                        |

### USERSETTINGS: Data Dictionary System User Settings

Properties and their values per user.

Catalog: DataDictionary

Schema: Invantive

Alias: usg

Label: System User Settings

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

### View Columns

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

| Name               | Data Type     | Label              | Required                 | Documentation                           |
|--------------------|---------------|--------------------|--------------------------|---|
| LANGUAGE_CODE      | varchar2(240) | Language Code      | <input type="checkbox"/> | Current User Interface language code.   |
| LAST_LOG_ON_DATE   | datetime      | Last Log On Date   | <input type="checkbox"/> | Date at which the last log on occurred. |
| USER_EMAIL_ADDRESS | varchar2(240) | User Email Address | <input type="checkbox"/> | User email address.                     |
| USER_LOG_ON_CODE   | varchar2(240) | User Log On Code   | <input type="checkbox"/> | User log on code.                       |
| USER_NAME          | varchar2(240) | User Name          | <input type="checkbox"/> | User name.                              |

**WEEKDAYS: Data Dictionary Days of the Week**

Map of days of the full week with 1 representing Monday and 7 representing Sunday.

Catalog: DataDictionary

Schema: Invantive

Alias: wdy

Primary Keys: DAY

Label: Days of the Week

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

## Table Columns

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

| Name        | Data Type     | Label       | Required                            | Documentation      |
|-------------|---------------|-------------|-------------------------------------|--------------------|
| day         | number        | Day Number  | <input checked="" type="checkbox"/> | Number of the day. |
| description | varchar2(240) | Description | <input checked="" type="checkbox"/> |                    |

### 3.1.2 Schema: Views

#### 3.1.2.1 Views

##### Test0Rows10000Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test0Rows10000Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                               |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at which the row was generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB with random contents.                  |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                            |

##### Test0Rows1000Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test0Rows1000Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

### Test0Rows100Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test0Rows100Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

### Test1000000Rows1000Mb10000Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test1000000Rows1000Mb10000Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                 |
|--------------------|-----------|----------------------|-------------------------------------|-------------------------------|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row |

| Name        | Data Type | Label       | Required                            | Documentation               |
|-------------|-----------|-------------|-------------------------------------|-----------------------------|
|             |           |             |                                     | w as generated.             |
| random_blob | blob      | Random BLOB | <input type="checkbox"/>            | BLOB w ith random contents. |
| value       | int64     | Value       | <input checked="" type="checkbox"/> | Generated value.            |

### Test1000000Rows1000Mb1000Sec

Catalog: DataDictionary

Schema: Views

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

### View Columns

The columns of the view Test1000000Rows1000Mb1000Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

### Test1000000Rows1000Mb1Sec

Catalog: DataDictionary

Schema: Views

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

### View Columns

The columns of the view Test1000000Rows1000Mb1Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

### Test10000Rows100Mb100Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test10000Rows100Mb100Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

### Test1000Rows1Mb1000Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test1000Rows1Mb1000Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

### Test100Rows1Mb100Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test100Rows1Mb100Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                 |
|--------------------|-----------|----------------------|-------------------------------------|-------------------------------|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row |

| Name        | Data Type | Label       | Required                            | Documentation               |
|-------------|-----------|-------------|-------------------------------------|-----------------------------|
|             |           |             |                                     | w as generated.             |
| random_blob | blob      | Random BLOB | <input type="checkbox"/>            | BLOB w ith random contents. |
| value       | int64     | Value       | <input checked="" type="checkbox"/> | Generated value.            |

### Test10Rows1000Mb1Sec

Catalog: DataDictionary

Schema: Views

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

## View Columns

The columns of the view Test10Rows1000Mb1Sec are shown below. Each column has an SQL data type.

| Name               | Data Type | Label                | Required                            | Documentation                                 |
|--------------------|-----------|----------------------|-------------------------------------|---|
| date_generated_utc | datetime  | Date Generated (UTC) | <input checked="" type="checkbox"/> | System time at w hich the row w as generated. |
| random_blob        | blob      | Random BLOB          | <input type="checkbox"/>            | BLOB w ith random contents.                   |
| value              | int64     | Value                | <input checked="" type="checkbox"/> | Generated value.                              |

## 4 Package: dcr\_metadata

### 4.1 Procedures

#### 4.1.1 dcr\_metadata.get\_partitions: Data Dictionary Data container metadata package

Get all partitions.

Documentation:

List all partitions.

# Index

- . -

.NET Data Type 82, 86, 88, 89

## - A -

ABBREVIATION 65, 68, 94  
 acceptMimeType 11  
 Acquisition Count 43  
 ACQUISITION\_COUNT 43  
 Action 21, 46, 48  
 Action 1 Text 99  
 Action 1 URL 99  
 ACTION1\_TEXT 99  
 ACTION1\_URL 99  
 Active 54  
 Active System Providers 68  
 Actual Duration (ms) 78  
 ACTUAL\_DURATION\_MS 78  
 Additional Information 40  
 ADDITIONAL\_INFORMATION 40  
 aet 4  
 Age 11, 16  
 ALIAS 34, 43, 78  
 Allow Display 29, 63  
 Allow Set from Connecton String 29, 63  
 Allow Set from Log On 29, 63  
 Allow Set from Provider File 29, 63  
 Allow Set from Set Statement 29, 63  
 Allow Write 54  
 ALLOW\_DISPLAY 29, 63  
 ALLOW\_SET\_FROM\_CONNECTION\_STRING 29, 63  
 ALLOW\_SET\_FROM\_LOG\_ON 29, 63  
 ALLOW\_SET\_FROM\_PROVIDER\_FILE 29, 63  
 ALLOW\_SET\_FROM\_SET\_STATEMENT 29, 63  
 ALLOW\_WRITE 54  
 Allows SQL Trace 28  
 ALLOWS\_SQL\_TRACE 28  
 Alternative Short Commercial Names 65  
 ame 25  
 amp 24  
 analysis-enforce-row-uniqueness 2  
 Anonymization Map Values 25  
 Anonymization Maps 24  
 Anonymization Predefined Maps 26

Anonymized Value 25  
 ANONYMIZED\_ACCESS\_TOKEN 50  
 ANONYMIZED\_AUTHORIZATION\_CODE 50  
 ANONYMIZED\_CLIENT\_SECRET 50  
 ANONYMIZED\_REFRESH\_TOKEN 50  
 ANONYMIZED\_VALUE 25  
 API\_CALLS\_ACTUAL 78  
 API\_CALLS\_FROM\_DISK\_CACHE 78  
 API\_CALLS\_FROM\_MEMORY\_CACHE 78  
 API\_ROWS\_ACTUAL 78  
 API\_ROWS\_FROM\_DISK\_CACHE 78  
 API\_ROWS\_FROM\_MEMORY\_CACHE 78  
 app 26  
 Application Managed 4  
 Application Name 4  
 Application User 4  
 APPLICATION\_NAME 4  
 APPLICATION\_USER 4  
 Archived 54  
 Argument Data Type 51  
 Argument Default Value 51  
 Argument Documentation 51  
 Argument Name 51  
 Argument Position 51  
 ARGUMENT\_DATA\_TYPE 51  
 ARGUMENT\_DEFAULT\_VALUE 51  
 ARGUMENT\_DOCUMENTATION 51  
 ARGUMENT\_NAME 51  
 ARGUMENT\_POSITION 51  
 ARGUMENT\_REQUIRED 51  
 ASP.Net MVC Version (extension) 11, 16  
 ASP.Net Version (extension) 11, 16  
 Audit Events 4  
 AUDITEVENTS 4  
 Authentication Mode 28  
 AUTHENTICATION\_MODE 28  
 Average Active 43  
 Average Wait Duration (ms) 43  
 AVERAGE\_ACTIVE 43

## - B -

Base XPath 90  
 basicAuthenticationPassword 11  
 basicAuthenticationUser 11  
 Billing ID 4, 21, 43, 46, 48, 76  
 Billing ID Last Acquisition 43  
 Billing ID Last Timeout 43  
 Billing Pool Identity ID 4, 21  
 Billing Reference 4, 21  
 BILLING\_ID 4, 21, 43, 46, 76

|                                   |        |  |                    |
|-----------------------------------|--------|--|--------------------|
| BILLING_ID_LAST_ACQUISITION       | 43     | CALENDAR                                     | 7                  |
| BILLING_ID_LAST_TIMEOUT           | 43     | Call Safe Name                               | 21, 90             |
| BILLING_POOL_IDENTITY_ID          | 4, 21  | Call Safe Name Override                      | 46, 48             |
| BILLING_REFERENCE                 | 4, 21  | CALL_SAFE_NAME                               | 21, 90             |
| Binary Contents                   | 11     | CALL_SAFE_NAME_OVERRULE                      | 46                 |
| binaryPayload                     | 11     | Calling Code                                 | 27                 |
| Bulk Insert Count                 | 68     | Calling Provider Alias                       | 43, 46, 48         |
| Bulk Insert Duration Maximum (ms) | 68     | CALLING_CODE                                 | 27                 |
| Bulk Insert Duration Total (ms)   | 68     | CALLING_PROVIDER_ALIAS                       | 43, 46             |
| Bulk Insert Page Count            | 68     | Calls Made Today                             | 54                 |
| Bulk Insert Row Count             | 68     | Can Delete                                   | 90                 |
| BULK_INSERT_COUNT                 | 68     | Can Filter Server-side                       | 82                 |
| BULK_INSERT_DURATION_MAX_MS       | 68     | Can Filter Server-side Adjacent Terms        | 82                 |
| BULK_INSERT_DURATION_TOTAL_MS     | 68     | Can Filter Server-side All Terms             | 82                 |
| BULK_INSERT_PAGE_COUNT            | 68     | Can Filter Server-side Any Term              | 82                 |
| BULK_INSERT_ROW_COUNT             | 68     | Can Filter Server-side Contains              | 82                 |
| bulk-delete-page-size-rows        | 2      | Can Filter Server-side Equals                | 82                 |
| bulk-insert-page-size-bytes       | 2      | Can Filter Server-side Greater than          | 82                 |
| bulk-insert-page-size-rows        | 2      | Can Filter Server-side Greater than or Equal | 82                 |
| Bytes                             | 46, 48 | Can Filter Server-side Less than             | 82                 |
| Bytes In                          | 78     | Can Filter Server-side Less than or Equal    | 82                 |
| Bytes Out                         | 78     | Can Filter Server-side Not Equals            | 82                 |
| Bytes Received                    | 21, 76 | Can Insert                                   | 90                 |
| Bytes Retrieved                   | 11, 16 | Can Scan Server-side                         | 82                 |
| Bytes Sent                        | 21, 76 | Can Select                                   | 90                 |
| BYTES_IN                          | 78     | Can Sort Server-side                         | 82                 |
| BYTES_OUT                         | 78     | Can Update                                   | 90                 |
| BYTES_RECEIVED                    | 21     | CAN_DELETE                                   | 90                 |
| BYTES_RETRIEVED                   | 11, 16 | CAN_FILTER_SERVER_SIDE                       | 82                 |
| BYTES_SENT                        | 21     | CAN_FILTER_SERVER_SIDE_ADJACENT_TERMS        | 82                 |
| <b>- C -</b>                      |        |  |                    |
| Cache (extension)                 | 11, 16 | CAN_FILTER_SERVER_SIDE_ALL_TERMS             | 82                 |
| Cache Control                     | 11, 16 | CAN_FILTER_SERVER_SIDE_ANY_TERM              | 82                 |
| Cache First Hit                   | 30     | CAN_FILTER_SERVER_SIDE_CONTAINERS            | 82                 |
| Cache Hits                        | 30     | CAN_FILTER_SERVER_SIDE_EQUALS                | 82                 |
| Cache Hits per Hour               | 30     | CAN_FILTER_SERVER_SIDE_GREATER_THAN          | 82                 |
| Cache ID                          | 21     | CAN_FILTER_SERVER_SIDE_GREATER_THAN_OR_EQUAL | 82                 |
| Cache Key                         | 30, 81 | CAN_FILTER_SERVER_SIDE_LESS_THAN             | 82                 |
| Cache Last Hit                    | 30     | CAN_FILTER_SERVER_SIDE_LESS_THAN_OR_EQUAL    | 82                 |
| Cache Result                      | 90     | CAN_FILTER_SERVER_SIDE_NOT_EQUALS            | 82                 |
| CACHE_CONTROL                     | 11, 16 | CAN_INSERT                                   | 90                 |
| CACHE_FIRST_HIT_UTC               | 30     | CAN_SCAN_SERVER_SIDE                         | 82                 |
| CACHE_HITS                        | 30     | CAN_SELECT                                   | 90                 |
| CACHE_HITS_PER_HOUR               | 30     | CAN_SORTER_SERVER_SIDE                       | 82                 |
| CACHE_ID                          | 21     | CAN_UPDATE                                   | 90                 |
| CACHE_KEY                         | 30, 81 | CATALOG                                      | 18, 26, 75, 90, 97 |
| CACHE_LAST_HIT_UTC                | 30     | Catalog Name                                 | 39, 46, 48         |
| CACHE_RESULT                      | 90     | CATALOG_NAME                                 | 39, 46             |
| cacheKey                          | 11     | Catalogs                                     | 26                 |

Category 63, 98  
 Category Code 43  
 CATEGORY\_CODE 43  
 Century Number 7  
 CENTURY\_NUMBER 7  
 Certificate Issuer 11, 16  
 Certificate not After 11, 16  
 Certificate not Before 11, 16  
 Certificate Serial Number 11, 16  
 Certificate Signature Algorithm 11, 16  
 Certificate Subject 11, 16  
 CERTIFICATE\_DATE\_NOT\_AFTER 11, 16  
 CERTIFICATE\_DATE\_NOT\_BEFORE 11, 16  
 CERTIFICATE\_ISSUER 11, 16  
 CERTIFICATE\_SERIAL\_NUMBER 11, 16  
 CERTIFICATE\_SIGNATURE\_ALGORITHM 11, 16  
 CERTIFICATE\_SUBJECT 11, 16  
 Channel Name 32  
 CHANNEL\_NAME 32  
 Character Contents 11  
 Characters 46, 48  
 Check Spelling 82  
 CHECK\_SPELLING 82  
 Class Name 62  
 CLASS\_NAME 62  
 Client ID 21, 43, 65, 68  
 CLIENT\_ID 21, 43, 50, 65, 68  
 CLIENT\_SIDE\_CACHEABLE 82, 86, 90  
 Client-Side Cacheable 90  
 clr 7  
 CODE 24, 25, 26, 29, 37, 38, 39, 40, 42, 54, 63, 95  
 Code/value Domains 39  
 Column 1 23  
 COLUMN\_1 23  
 Columns In 78  
 Columns Out 78  
 COLUMNS\_IN 78  
 COLUMNS\_OUT 78  
 COMMENT 15, 28  
 Commercial Name 65, 68  
 Commercial Name Short 65  
 COMMERCIAL\_NAME 65, 68  
 COMMERCIAL\_NAME\_SHORT 65  
 COMMERCIAL\_NAME\_SHORT\_ALTERNATIVES 65  
 COMMUNITY\_EDITION 65, 68  
 Company Address 54  
 Company Address Line 1 54  
 Company Address Line 2 54  
 Company Address Line 3 54  
 Company BIC 34, 95  
 Company Chamber of Commerce Number 54, 95  
 Company City 54, 95  
 Company CoC Number 54  
 Company Country 54  
 Company Email Address 54, 95  
 Company IBAN 34, 95  
 Company IBAN Number 54, 58, 60  
 Company ID 95  
 Company Legal Form 54  
 Company Name 54, 95  
 Company Phone 54, 95  
 Company RSIN Number 54, 58, 60, 95  
 Company SBI Code 54  
 Company Server Move Date (UTC) 54, 58, 60  
 Company SIRET Number 95  
 Company State 54  
 Company Twitter Account 54  
 Company VAT Number 54, 95  
 Company Wage Tax Number 54  
 Company Web Site 54, 95  
 Company Website 54  
 Company ZIP Code 54  
 COMPANY\_ADDRESS 54  
 COMPANY\_ADDRESS\_LINE\_1 95  
 COMPANY\_ADDRESS\_LINE\_2 95  
 COMPANY\_ADDRESS\_LINE\_3 95  
 COMPANY\_BIC 95  
 COMPANY\_CITY 54, 95  
 COMPANY\_COC\_NUMBER 54, 95  
 COMPANY\_COUNTRY 54  
 COMPANY\_DATE\_ESTABLISHED 95  
 COMPANY\_EMAIL\_ADDRESS 54, 95  
 COMPANY\_EMPLOYEES 95  
 COMPANY\_IBAN 95  
 COMPANY\_IBAN\_NUMBER 54  
 COMPANY\_ID 95  
 COMPANY\_LEGAL\_STRUCTURE 95  
 COMPANY\_NAME 54, 95  
 COMPANY\_PAYPAL\_IDENTIFIER 95  
 COMPANY\_PHONE 54, 95  
 COMPANY\_POSTAL\_CODE 54  
 COMPANY\_RSIN\_NUMBER 54, 95  
 COMPANY\_SERVER\_MOVE\_DATE\_UTC 54, 58  
 COMPANY\_SIRET\_NUMBER 95  
 COMPANY\_STATE 54  
 COMPANY\_TRADENAMES 95  
 COMPANY\_TWITTER\_ACCOUNT 54  
 COMPANY\_VAT\_NUMBER 54, 95  
 COMPANY\_WAGE\_TAX\_NUMBER 54  
 COMPANY\_WEB\_SITE 54, 95  
 Connection 11, 16

|                                  |                |
|----------------------------------|----------------|
| Connection Opened at (UTC)       | 68             |
| CONNECTION_OPENED_AT_UTC         | 68             |
| connection-string                | 2              |
| Consumption Last Call            | 54             |
| CONSUMPTION_LAST_CALL            | 54             |
| Content Disposition              | 11, 16         |
| Content Language                 | 11, 16         |
| Content Length                   | 11, 16         |
| Content MD5                      | 11, 16         |
| Content Security Policy          | 11, 16         |
| Content Type Options (extension) | 11, 16         |
| CONTENT_DISPOSITION              | 11, 16         |
| CONTENTS_BLOB                    | 11             |
| CONTENTS_CHAR                    | 11             |
| contentType                      | 11             |
| CONTEXT                          | 43             |
| Cookies                          | 11, 16         |
| count                            | 20             |
| Countries                        | 27             |
| Country Code                     | 94             |
| COUNTRY_CODE                     | 94             |
| CPU Duration                     | 21             |
| CPU Duration (ms)                | 78             |
| CREATE_ACTION                    | 48             |
| CREATE_BILLING_ID                | 48             |
| CREATE_CALL_SAFE_NAME_OVERRULE   | 48             |
| CREATE_CALLING_PROVIDER_ALIAS    | 48             |
| CREATE_CATALOG_NAME              | 48             |
| CREATE_DATA_CONTAINER_ID         | 48             |
| CREATE_DATE_DO_NOT_REMOVE_BEFORE | 48             |
| CREATE_DATE_REGISTERED           | 48             |
| CREATE_EXCEPTION_CODE            | 48             |
| CREATE_EXCEPTION_TEXT            | 48             |
| CREATE_EXECUTION_STEP_ID         | 48             |
| CREATE_GUI_ACTION                | 48             |
| CREATE_GUI_IP_ADDRESS_EXTERNAL   | 48             |
| CREATE_GUI_IP_PORT               | 48             |
| CREATE_GUI_MACHINE               | 48             |
| CREATE_GUI_MODULE_NAME           | 48             |
| CREATE_GUI_MODULE_VERSION        | 48             |
| CREATE_GUI_OS_USER               | 48             |
| CREATE_GUI_USER                  | 48             |
| CREATE_LIFE_CYCLE_TYPE           | 48             |
| CREATE_MESSAGE_CODE              | 48             |
| CREATE_PARTITION                 | 48             |
| CREATE_POOL_IDENTITY             | 48             |
| CREATE_PROCESS_ID                | 48             |
| CREATE_PROVIDER_NAME             | 48             |
| CREATE_REQUEST_ID                | 48             |
| CREATE_SCHEMA_NAME               | 48             |
| CREATE_SESSION_ID                | 48             |
| CREATE_SIZE_BYTES                | 48             |
| CREATE_SIZE_CHARACTERS           | 48             |
| CREATE_TABLE_NAME                | 48             |
| CREATE_TYPE                      | 48             |
| Created by                       | 28             |
| Created on                       | 28             |
| CREATED_BY                       | 28             |
| CREATED_ON                       | 28             |
| CREATED_UTC                      | 30, 54         |
| Creation Date                    | 23, 58, 60, 90 |
| Creation Date (UTC)              | 28             |
| CREATION_DATE_UTC                | 28, 90         |
| CRYPTO_LICENSE_FEATURE           | 42             |
| CRYPTO_LICENSING_USE_ALLOWED     | 42             |
| ctg                              | 26             |
| cty                              | 27             |
| Current Free                     | 43             |
| Current Read                     | 43             |
| Current Used                     | 43             |
| Current Waiting                  | 43             |
| CURRENT_FREE                     | 43             |
| CURRENT_READ_USED                | 43             |
| CURRENT_USED                     | 43             |
| CURRENT_WAITING_COUNT            | 43             |

## - D -

|  |  |
|--|--|
| DAILY_LIMIT                                | 54   |
| DAILY_REMAINING                            | 54   |
| DAILY_RESET_DATE_UTC                       | 54   |
| DAILY_USED                                 | 54   |
| dal  | 8, 10  |
| Data Container Alias                       | 18, 21, 23, 26, 29, 30, 32, 33, 37, 38, 39, 40, 50, 51, 52, 53, 54, 58, 60, 63, 65, 68, 73, 75, 82, 86, 88, 89, 90, 97   |
| Data Container Attributes and Their Values | 29   |
| Data Container ID                          | 4, 18, 21, 23, 26, 29, 30, 32, 33, 37, 38, 39, 40, 43, 46, 48, 50, 54, 58, 60, 63, 65, 68, 73, 75, 76, 82, 88, 90, 97  |
| Data Container Messages                    | 32   |
| Data Container Properties                  | 33   |
| Data Dictionary                            | 1, 4, 7, 8, 10, 11, 15, 16, 18, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 37, 38, 39, 40, 41, 42, 43, 46, 48, 50, 51, 52, 53, 54, 58, 60, 62, 63, 65, 68, 73, 74, 75, 76, 78, 81, 82, 86, 88, 89, 90, 94, 95, 97, 98, 99, 100, 101, 102, 103, 104, 105 |
| Data Format                                | 88   |
| Data Source                                | 11, 16   |
| Data Type                                  | 24, 25, 26   |
| DATA_CONTAINER_ALIAS                       | 21, 33, 50, 65, 68, 86, 89   |

- DATA\_CONTAINER\_ID 4, 21, 33, 43, 46, 50, 65, dce 29  
 68, 76  
 DATA\_FORMAT 88  
 Database 28  
 Database Data Type 82, 86, 88, 89  
 Database Driver 1  
 Database Pool Description 68  
 Database Pricing Tier 68  
 Database Service Tier 68  
 Database Version 68  
 Database Version Number 68  
 Database Views 97  
 DATABASE\_DATA\_TYPE 82, 86, 88, 89  
 DATABASE\_NAME 28  
 DATABASE\_POOL\_DESCRIPTION 68  
 DATABASE\_PRICING\_TIER 68  
 DATABASE\_SERVICE\_TIER 68  
 DATABASE\_VERSION 68  
 DATABASE\_VERSION\_NUMBER 68  
 Databases 28  
 Datacontainer 34  
 DataDictionary 1  
 Date 11, 16  
 Date Generated (UTC) 20, 101, 102, 103, 104, 105  
 DATE\_DO\_NOT\_REMOVE\_BEFORE 46  
 DATE\_FIRST\_ACQUISITION 43  
 DATE\_FIRST\_RELEASE 43  
 DATE\_FIRST\_TIMEOUT 43  
 date\_generated\_utc 20, 101, 102, 103, 104, 105  
 DATE\_LAST\_ACQUISITION 43  
 DATE\_LAST\_FULL\_RELEASE 43  
 DATE\_LAST\_OPERATION 43  
 DATE\_LAST\_RELEASE 43  
 DATE\_LAST\_TIMEOUT 43  
 DATE\_REGISTERED 43, 46  
 DATE\_RETRIEVAL\_UTC 11, 16  
 day 101  
 Day Date 7  
 Day in Month 7  
 Day in Week 7  
 Day in Year Number 7  
 Day Number 101  
 Day Number since January 1, 1900 7  
 DAY\_DATE 7  
 DAY\_IN\_MONTH 7  
 DAY\_IN\_WEEK 7  
 DAY\_IN\_YEAR\_NUMBER 7  
 DAY\_SINCE\_19000101\_NUMBER 7  
 Daylight Saving Time 94  
 Days of the Week 101  
 dbe 28  
 dcr 34  
 dct 30  
 dcy 33  
 dd 1  
 Default Connection ID 65, 68  
 Default Namespace Prefix 90  
 Default Number of Parallel Requests 65, 68  
 Default Slot-based Rate Limit Length (ms) 65, 68  
 Default Slot-based Rate Limit Slots 65, 68  
 Default Value 29, 63, 88, 89  
 DEFAULT\_CONNECTION\_ID 65, 68  
 DEFAULT\_NUMBER\_PARALLEL\_REQUESTS 65, 68  
 DEFAULT\_SLOTBASED\_RATE\_LIMIT\_LENGTH\_MS 65, 68  
 DEFAULT\_SLOTBASED\_RATE\_LIMIT\_SLOTS 65, 68  
 DEFAULT\_VALUE 29, 63, 88, 89  
 Defining Type Assembly Qualified Name 63  
 Defining Type Name 63  
 Defining Type Namespace 63  
 Defining Type Provider Description 63  
 Defining Type Provider Display Name 63  
 Defining Type Provider Name 63  
 DEFINING\_TYPE\_ASSEMBLY\_QUALIFIED\_NAME 63  
 DEFINING\_TYPE\_NAME 63  
 DEFINING\_TYPE\_NAMESPACE 63  
 DEFINING\_TYPE\_PROVIDER\_DESCRIPTION 63  
 DEFINING\_TYPE\_PROVIDER\_DISPLAY\_NAME 63  
 DEFINING\_TYPE\_PROVIDER\_NAME 63  
 DEPTH 11, 16, 78  
 Derived Value 82  
 DERIVED\_VALUE 82  
 DESCRIPTION 24, 25, 26, 28, 29, 40, 42, 50, 54, 62, 63, 65, 68, 78, 90, 97  
 Dialing Plan Prefix 27  
 DIALING\_PLAN\_PREFIX 27  
 Dimension 1 Name 4  
 Dimension 1 Value 4  
 Dimension 10 Name 4  
 Dimension 10 Value 4  
 Dimension 11 Name 4  
 Dimension 11 Value 4  
 Dimension 12 Name 4  
 Dimension 12 Value 4  
 Dimension 13 Name 4  
 Dimension 13 Value 4  
 Dimension 14 Name 4  
 Dimension 14 Value 4  
 Dimension 15 Name 4

|                    |   |                             |                                |
|--------------------|---|-----------------------------|--------------------------------|
| Dimension 15 Value | 4 | DIMENSION20_NAME            | 4                              |
| Dimension 16 Name  | 4 | DIMENSION20_VALUE           | 4                              |
| Dimension 16 Value | 4 | DIMENSION3_NAME             | 4                              |
| Dimension 17 Name  | 4 | DIMENSION3_VALUE            | 4                              |
| Dimension 17 Value | 4 | DIMENSION4_NAME             | 4                              |
| Dimension 18 Name  | 4 | DIMENSION4_VALUE            | 4                              |
| Dimension 18 Value | 4 | DIMENSION5_NAME             | 4                              |
| Dimension 19 Name  | 4 | DIMENSION5_VALUE            | 4                              |
| Dimension 19 Value | 4 | DIMENSION6_NAME             | 4                              |
| Dimension 2 Name   | 4 | DIMENSION6_VALUE            | 4                              |
| Dimension 2 Value  | 4 | DIMENSION7_NAME             | 4                              |
| Dimension 20 Name  | 4 | DIMENSION7_VALUE            | 4                              |
| Dimension 20 Value | 4 | DIMENSION8_NAME             | 4                              |
| Dimension 3 Name   | 4 | DIMENSION8_VALUE            | 4                              |
| Dimension 3 Value  | 4 | DIMENSION9_NAME             | 4                              |
| Dimension 4 Name   | 4 | DIMENSION9_VALUE            | 4                              |
| Dimension 4 Value  | 4 | DISCARD                     | 15                             |
| Dimension 5 Name   | 4 | diskCache                   | 11                             |
| Dimension 5 Value  | 4 | diskCacheMaxAgeSec          | 11                             |
| Dimension 6 Name   | 4 | Display Control             | 82                             |
| Dimension 6 Value  | 4 | Display in Filter           | 82                             |
| Dimension 7 Name   | 4 | Display in LOV              | 82                             |
| Dimension 7 Value  | 4 | Display in Record           | 82                             |
| Dimension 8 Name   | 4 | Display in Results          | 82                             |
| Dimension 8 Value  | 4 | Display Length (Average)    | 82                             |
| Dimension 9 Name   | 4 | Display Length (SD)         | 82                             |
| Dimension 9 Value  | 4 | Display Name                | 65, 68                         |
| DIMENSION1_NAME    | 4 | Display Order               | 63, 82                         |
| DIMENSION1_VALUE   | 4 | DISPLAY_CONTROL             | 82                             |
| DIMENSION10_NAME   | 4 | DISPLAY_IN_FILTER           | 82                             |
| DIMENSION10_VALUE  | 4 | DISPLAY_IN_LOV              | 82                             |
| DIMENSION11_NAME   | 4 | DISPLAY_IN_RECORD           | 82                             |
| DIMENSION11_VALUE  | 4 | DISPLAY_IN_RESULTS          | 82                             |
| DIMENSION12_NAME   | 4 | DISPLAY_LENGTH_AVERAGE      | 82                             |
| DIMENSION12_VALUE  | 4 | DISPLAY_LENGTH_SD           | 82                             |
| DIMENSION13_NAME   | 4 | DISPLAY_NAME                | 65, 68                         |
| DIMENSION13_VALUE  | 4 | DISPLAY_ORDER               | 63, 82                         |
| DIMENSION14_NAME   | 4 | dme                         | 32                             |
| DIMENSION14_VALUE  | 4 | dmn                         | 39                             |
| DIMENSION15_NAME   | 4 | Do Not Remove Before        | 46, 48                         |
| DIMENSION15_VALUE  | 4 | DOCUMENTATION               | 40, 65, 68, 82, 86, 88, 89, 90 |
| DIMENSION16_NAME   | 4 | Documentation (URL)         | 63, 65, 68, 73                 |
| DIMENSION16_VALUE  | 4 | DOCUMENTATION_URL           | 65, 68                         |
| DIMENSION17_NAME   | 4 | DOMAIN                      | 15                             |
| DIMENSION17_VALUE  | 4 | Domain Code                 | 40, 60                         |
| DIMENSION18_NAME   | 4 | Domain Values               | 40                             |
| DIMENSION18_VALUE  | 4 | DOMAIN_CODE                 | 40                             |
| DIMENSION19_NAME   | 4 | DOTNET_DATA_TYPE            | 82, 86, 88, 89                 |
| DIMENSION19_VALUE  | 4 | DOUBLE                      | 8                              |
| DIMENSION2_NAME    | 4 | Download Cookies History    | 15                             |
| DIMENSION2_VALUE   | 4 | Download Implementation URL | 63, 65, 68, 73                 |

- DOWNLOAD\_IMPLEMENTATION\_URL 65, 68  
 DOWNLOAD\_UID 15  
 DOWNLOAD\_URL 15  
 dsr 37  
 DST 38, 94  
 DUAL 10  
 DUMMY 28  
 Dummy BLOB 8, 10  
 Dummy Boolean 8, 10  
 Dummy Date 8, 10  
 Dummy Date/Time 8, 10, 11  
 Dummy Decimal 8, 10, 11  
 Dummy Double 8, 10, 11  
 Dummy Float 8, 10  
 Dummy GUID 8, 10, 11  
 Dummy Integer (16-bits) 8, 10  
 Dummy Integer (32-bits) 8, 10, 11  
 Dummy Integer (64-bits) 8, 10, 11  
 Dummy String 8, 10, 11  
 Dummy uint16 8, 10  
 Dummy uint32 8, 10  
 Dummy uint64 8, 10  
 dummy\_blob 8, 10  
 dummy\_blob\_null 8, 10  
 dummy\_bool 8, 10  
 dummy\_bool\_null 8, 10  
 dummy\_char 8, 10  
 dummy\_char\_null 8, 10  
 dummy\_date 8, 10  
 dummy\_date\_null 8, 10  
 dummy\_datetime 8, 10, 11  
 dummy\_datetime\_null 8, 10  
 dummy\_decimal 8, 10, 11  
 dummy\_decimal\_null 8, 10  
 dummy\_double 8, 10, 11  
 dummy\_double\_above 8, 10  
 dummy\_double\_below 8, 10  
 dummy\_double\_null 8, 10  
 dummy\_float 8, 10  
 dummy\_float\_null 8, 10  
 dummy\_guid 8, 10, 11  
 dummy\_guid\_null 8, 10  
 dummy\_int16 8, 10  
 dummy\_int16\_null 8, 10  
 dummy\_int32 8, 10, 11  
 dummy\_int32\_null 8, 10  
 dummy\_int64 8, 10, 11  
 dummy\_int64\_null 8, 10  
 dummy\_string 8, 10, 11  
 dummy\_string\_int64 8, 10  
 dummy\_string\_null 8, 10  
 dummy\_uint16 8, 10  
 dummy\_uint32 8, 10  
 dummy\_uint64 8, 10  
 Duration 18, 21, 23  
 Duration (ms) 76, 78  
 Duration (Ticks) 76, 78  
 Duration Period (ms) 37, 38  
 DURATION\_CPU\_MS 21, 78  
 DURATION\_IO\_MS 21, 78  
 DURATION\_MAX\_TICKS 24, 25  
 DURATION\_MIN\_TICKS 24, 25  
 DURATION\_MS 18, 21, 23, 76, 78  
 DURATION\_PERIOD\_MS 37, 38  
 DURATION\_SLEEP\_MS 21, 78  
 DURATION\_TICKS 76, 78  
 DURATION\_TOTAL\_TICKS 24, 25  
 dve 40
- E -**
- EDI Class Name 90  
 EDI Path from Master 90  
 EDI\_CLASS\_NAME 90  
 EDI\_PATH\_FROM\_MASTER 90  
 Elapsed Write Time (ms) 90  
 Email Address 95  
 EMAIL\_ADDRESS 95  
 EMPTY 11  
 Empty Table 11  
 End Date 94  
 End Time 76, 78  
 END\_DATE 94  
 END\_TIME\_UTC 76, 78  
 ERA 7  
 Error Code 11, 16  
 Error Message 18, 21, 23  
 Error Message Code 21  
 Error Text 11, 16  
 ERROR\_MESSAGE 18, 21, 23  
 ERROR\_MESSAGE\_CODE 11, 16, 21  
 ERROR\_MESSAGE\_TEXT 11, 16  
 Estate Property Name 65  
 ESTATE\_PROPERTY\_NAME 65  
 Estimated Number of Rows 90  
 Estimated Size in Bytes 90  
 ESTIMATED\_NUMBER\_OF\_ROWS 90  
 ESTIMATED\_SIZE\_BYTES 90  
 ETAG 11, 16  
 ety 11  
 EVENT\_URL 50  
 EXAMPLE 82, 90

|                                      |                |
|--------------------------------------|----------------|
| Exception Code                       | 46, 48         |
| EXCEPTION_CODE                       | 46             |
| EXCEPTION_TEXT                       | 46             |
| Execution Date                       | 18             |
| Execution End Date                   | 21             |
| Execution ID                         | 21, 78         |
| Execution Options ID                 | 78             |
| Execution Start Date                 | 21             |
| EXECUTION_DATE_UTC                   | 18, 23         |
| EXECUTION_END_DATE_UTC               | 21             |
| EXECUTION_ID                         | 21, 78         |
| EXECUTION_OPTIONS_ID                 | 78             |
| EXECUTION_START_DATE_UTC             | 21             |
| EXECUTION_STEP_ID                    | 21, 43, 46, 78 |
| EXECUTIONS                           | 76             |
| Exists Flag                          | 48             |
| EXISTS_FLAG                          | 48             |
| Expect CT                            | 11, 16         |
| Expected Duration (ms)               | 78             |
| EXPECTED_DURATION_MS                 | 78             |
| EXPIRED                              | 15             |
| EXPIRES                              | 11, 15, 16     |
| EXPLANATION                          | 63             |
| EXPRESSION                           | 81             |
| <b>- F -</b>                         |                |
| Fatal                                | 99             |
| FATAL_FLAG                           | 99             |
| Feature Policy                       | 11, 16         |
| Fetch by Default                     | 82             |
| FETCH_BY_DEFAULT                     | 82             |
| File Name                            | 46, 48         |
| FILE_NAME                            | 46, 48         |
| Filter to Table Function Parameters  | 40             |
| Finger Print                         | 76, 78         |
| FINGER_PRINT                         | 76, 78         |
| first                                | 20             |
| First Acquisition                    | 43             |
| First End Time                       | 76             |
| First Measurement Moment             | 54             |
| First Name                           | 95             |
| First Release                        | 43             |
| First Remaining Calls                | 54             |
| First Remaining Calls per Minute     | 54             |
| First Source Code                    | 81             |
| First Start Time                     | 76             |
| First Timeout                        | 43             |
| First Use                            | 54             |
| FIRST_DAILY_REMAINING                | 54             |
| FIRST_END_TIME                       | 76             |
| FIRST_MEASUREMENT_UTC                | 54             |
| FIRST_MINUTELY_REMAINING             | 54             |
| FIRST_NAME                           | 95             |
| FIRST_SOURCE_CODE                    | 81             |
| FIRST_START_TIME                     | 76             |
| FIRST_USE_UTC                        | 54             |
| Force Native                         | 28             |
| FORCE_NATIVE                         | 28             |
| force-case-sensitive-identifiers     | 2              |
| forced-casing-identifiers            | 2              |
| Forums Tag                           | 65             |
| FORUMS_TAG                           | 65             |
| Forwarded to Customer Service        | 21             |
| FORWARDED_CUSTOMER_SERVICE           | 21             |
| Frame Options (extension)            | 11, 16         |
| From Application Cache               | 21             |
| From Cache                           | 21             |
| From Disk Cache                      | 21             |
| From Memory Cache                    | 21             |
| From Parameter Name                  | 40             |
| FROM_APPLICATION_CACHE               | 21             |
| FROM_CACHE                           | 21             |
| FROM_DISK_CACHE                      | 21             |
| FROM_MEMORY_CACHE                    | 21             |
| FROM_PARAMETER_NAME                  | 40             |
| ftn                                  | 41             |
| fr                                   | 40             |
| Full Name                            | 28             |
| Full Qualified Name                  | 90             |
| Full Scan (rows)                     | 90             |
| Full Scans Elapsed Time (ms)         | 90             |
| Full Scans Executed                  | 90             |
| FULL_NAME                            | 28             |
| FULL_QUALIFIED_NAME                  | 90             |
| FULL_SCAN_ROWS                       | 90             |
| FULL_SCANS_ELAPSED_TIME_MS           | 90             |
| FULL_SCANS_EXECUTED                  | 90             |
| Function Code                        | 41             |
| Function Description                 | 51, 52         |
| Function Documentation               | 51, 52         |
| Function Name                        | 51, 52         |
| FUNCTION_CODE                        | 41             |
| FUNCTION_DESCRIPTION                 | 51, 52         |
| FUNCTION_DOCUMENTATION               | 51, 52         |
| FUNCTION_NAME                        | 51, 52         |
| FUNCTIONAL_DOCUMENTATION_URL         | 65, 68         |
| FUNCTIONAL_SUPPORT_DISCORD_COMMUNITY | 65, 68         |
| FUNCTIONAL_SUPPORT_EMAIL_ADDRESS     | 65, 68         |
| FUNCTIONAL_SUPPORT_PHONE_NUMBER      | 65, 68         |

FUNCTIONAL\_SUPPORT\_URL 65, 68

## - G -

GENDER 95  
 Get Value 86  
 GET\_VALUE 86  
 GMT Offset 94  
 GMT\_OFFSET 94  
 Group Name 28  
 GROUP\_NAME 28  
 GUI Action 4, 21, 43, 46, 48  
 GUI External IP Address 4, 43, 46, 48, 76  
 GUI External IP Port 46, 48, 76  
 GUI Internal IP Address 4  
 GUI IP Address External Last Acquisition 43  
 GUI IP Address External Last Timeout 43  
 GUI IP Port 43  
 GUI IP Port Last Acquisition 43  
 GUI IP Port Last Timeout 43  
 GUI Machine 4, 43, 46, 48  
 GUI Module 4  
 GUI Module Name 4, 21, 43, 46, 48  
 GUI Module Version 4, 21, 43, 46, 48  
 GUI OS User 4, 43, 46, 48  
 GUI\_ACTION 4, 21, 43, 46  
 GUI\_IP\_ADDRESS\_EXTERNAL 4, 43, 46, 76  
 GUI\_IP\_ADDRESS\_EXTERNAL\_LAST\_ACQUISITION 43  
 GUI\_IP\_ADDRESS\_EXTERNAL\_LAST\_TIMEOUT 43  
 GUI\_IP\_ADDRESS\_INTERNAL 4  
 GUI\_IP\_PORT 43, 46, 76  
 GUI\_IP\_PORT\_LAST\_ACQUISITION 43  
 GUI\_IP\_PORT\_LAST\_TIMEOUT 43  
 GUI\_MACHINE 4, 43, 46  
 GUI\_MODULE 4  
 GUI\_MODULE\_NAME 4, 21, 43, 46  
 GUI\_MODULE\_VERSION 4, 21, 43, 46  
 GUI\_OS\_USER 4, 43, 46  
 GUI\_USER 43, 46

## - H -

Handling Order 65  
 HANDLING\_ORDER 65  
 Has Answer 98  
 Has Data Cache Connection String 28  
 Has Data Dictionary Connection String 28  
 Has Getter 29, 63  
 Has Setter 29, 63

HAS\_DATA\_CACHE\_CONNECTION\_STRING 28  
 HAS\_DATA\_DICTIONARY\_CONNECTION\_STRING 28  
 HAS\_GETTER 29, 63  
 HAS\_SETTER 29, 63  
 HasAnswer 98  
 hdc 15  
 hdy 16  
 headers 11  
 Host on HSTS Preload List 11, 16  
 HOST\_ON\_HSTS\_PRELOAD\_LIST 11, 16  
 HTTP Disk Cache Hits 68  
 HTTP Disk Cache Incorrect Content Hits 68  
 HTTP Disk Cache Misses 68  
 HTTP Disk Cache Read (byte) 68  
 HTTP Disk Cache Read Decompress Operations 68  
 HTTP Disk Cache Read Decompressed (byte) 68  
 HTTP Disk Cache Read Decrypt Duration (ms) 68  
 HTTP Disk Cache Read Decrypt Operations 68  
 HTTP Disk Cache Read Decrypted (byte) 68  
 HTTP Disk Cache Read Operations 68  
 HTTP Disk Cache Unsupported Encryption Hits 68  
 HTTP Disk Cache Unsupported Format Hits 68  
 HTTP Disk Cache Write (byte) 68  
 HTTP Disk Cache Write Compress Operations 68  
 HTTP Disk Cache Write Compressed (byte) 68  
 HTTP Disk Cache Write Encrypt Duration (ms) 68  
 HTTP Disk Cache Write Encrypt Operations 68  
 HTTP Disk Cache Write Encrypted (byte) 68  
 HTTP Disk Cache Write Operations 68  
 HTTP Download History 16  
 HTTP Memory Cache Cache Size 68  
 HTTP Memory Cache Count 68  
 HTTP Memory Cache Hits 68  
 HTTP Memory Cache Incorrect Content Hits 68  
 HTTP Memory Cache Misses 68  
 HTTP Memory Cache Misses Fetch Time Maximum (ms) 68  
 HTTP Memory Cache Misses Fetch Time Minimum (ms) 68  
 HTTP Memory Cache Misses Fetch Time Total (ms) 68  
 HTTP Memory Cache Unsupported Format Hits 68  
 HTTP Method 30  
 HTTP Only 15  
 HTTP Request Body 30  
 HTTP Request Body (GZipped) 30  
 HTTP Request Body Gzipped Length (Bytes) 30  
 HTTP Request Body Length 30  
 HTTP Request Method 11, 16  
 HTTP Requests Executed 68  
 HTTP Response Body 30

|   |        |   |        |
|---|--------|---|--------|
| HTTP Response Body (Binary)                 | 30     | HTTP_METHOD                             | 30     |
| HTTP Response Body (GZipped)                | 30     | HTTP_ONLY                               | 15     |
| HTTP Response Body Gzipped Length (Bytes)   | 30     | HTTP_REQUEST_BODY                       | 30     |
| HTTP Response Body Length                   | 30     | HTTP_REQUEST_BODY_GZIPPED               | 30     |
| HTTP Response Body Length (Bytes)           | 30     | HTTP_REQUEST_BODY_GZIPPED_LENGTH        | 30     |
| HTTP Response Headers                       | 30     | HTTP_REQUEST_BODY_LENGTH                | 30     |
| HTTP Status Code                            | 11, 16 | HTTP_REQUESTS_EXECUTED                  | 68     |
| HTTP User Agent                             | 11, 16 | HTTP_RESPONSE_BODY                      | 30     |
| HTTP_DISK_CACHE_HITS                        | 68     | HTTP_RESPONSE_BODY_BINARY               | 30     |
| HTTP_DISK_CACHE_INCORRECT_CONTENT_HITS      | 68     | HTTP_RESPONSE_BODY_BYTES_GZIPPED_LENGTH | 30     |
| HTTP_DISK_CACHE_MISSES                      | 68     | HTTP_RESPONSE_BODY_BYTES_LENGTH         | 30     |
| HTTP_DISK_CACHE_READ_BYTES                  | 68     | HTTP_RESPONSE_BODY_GZIPPED              | 30     |
| HTTP_DISK_CACHE_READ_DECOMPRESS_OPERATIONS  | 68     | HTTP_RESPONSE_BODY_GZIPPED_LENGTH       | 30     |
| HTTP_DISK_CACHE_READ_DECOMPRESSED_BYTES     | 68     | HTTP_RESPONSE_BODY_LENGTH               | 30     |
| HTTP_DISK_CACHE_READ_DECRYPT_DURATION_MS    | 68     | HTTP_RESPONSE_HEADERS                   | 30     |
| HTTP_DISK_CACHE_READ_DECRYPT_OPERATIONS     | 68     | HTTP_STATUS_CODE                        | 11, 16 |
| HTTP_DISK_CACHE_READ_DECRYPTED_BYTES        | 68     | HTTPDOWNLOAD                            | 11     |
| HTTP_DISK_CACHE_READ_OPERATIONS             | 68     | HTTPDOWNLOADCOOKIESHISTORY              | 15     |
| HTTP_DISK_CACHE_UNSUPPORTED_ENCRYPTION_HITS | 68     | HTTPDOWNLOADHISTORY                     | 16     |
| HTTP_DISK_CACHE_UNSUPPORTED_FORMAT_HITS     | 68     |   |        |
| HTTP_DISK_CACHE_WRITE_BYTES                 | 68     | I/O Duration                            | 21     |
| HTTP_DISK_CACHE_WRITE_COMPRESS_OPERATIONS   | 68     | I/O Duration (ms)                       | 76, 78 |
| HTTP_DISK_CACHE_WRITE_COMPRESSED_BYTES      | 68     | I/O Execution Bytes Received            | 54, 68 |
| HTTP_DISK_CACHE_WRITE_ENCRYPT_DURATION_MS   | 68     | I/O Execution Bytes Received Other      | 54, 68 |
| HTTP_DISK_CACHE_WRITE_ENCRYPT_OPERATIONS    | 68     | I/O Execution Bytes Received Read       | 54, 68 |
| HTTP_DISK_CACHE_WRITE_ENCRYPTED_BYTES       | 68     | I/O Execution Bytes Received Write      | 54, 68 |
| HTTP_DISK_CACHE_WRITE_OPERATIONS            | 68     | I/O Execution Bytes Sent                | 54, 68 |
| HTTP_MEMORY_CACHE_COUNT                     | 68     | I/O Execution Bytes Sent Other          | 54, 68 |
| HTTP_MEMORY_CACHE_HITS                      | 68     | I/O Execution Bytes Sent Read           | 54, 68 |
| HTTP_MEMORY_CACHE_INCORRECT_CONTENT_HITS    | 68     | I/O Execution Bytes Sent Write          | 54, 68 |
| HTTP_MEMORY_CACHE_MISSES                    | 68     | I/O Execution Count                     | 54, 68 |
| HTTP_MEMORY_CACHE_MISSES_FETCH_TIME_S_MAX   | 68     | I/O Execution Count Other               | 54, 68 |
| HTTP_MEMORY_CACHE_MISSES_FETCH_TIME_S_MIN   | 68     | I/O Execution Count Read                | 54, 68 |
| HTTP_MEMORY_CACHE_MISSES_FETCH_TIME_S_TOTAL | 68     | I/O Execution Count Write               | 54, 68 |
| HTTP_MEMORY_CACHE_SIZE                      | 68     | I/O Execution Duration (ms)             | 54, 68 |
| HTTP_MEMORY_CACHE_UNSUPPORTED_FORMAT_HITS   | 68     | I/O Execution Duration Other (ms)       | 54, 68 |
|   |        | I/O Execution Duration Read (ms)        | 54, 68 |
|   |        | I/O Execution Duration Write (ms)       | 54, 68 |
|   |        | I/O Row Count                           | 76     |
|   |        | IBAN Account Length                     | 27     |
|   |        | IBAN_ACCOUNT_LENGTH                     | 27     |
|   |        | Icon (URL)                              | 42     |
|   |        | Icon Resource Name (16x16)              | 65, 68 |
|   |        | ICON_RESOURCE_NAME_16                   | 65, 68 |
|   |        | ICON_URL                                | 42     |
|   |        | ignoreInvalidCertificate                | 11     |
|   |        | ignoreWebError                          | 11     |
|   |        | IID                                     | 4, 21  |

- Include Invantive Source Headers 11, 16  
 INCLUDE\_INVANTIVE\_SOURCE\_HEADERS 11, 16  
 IncludeOtherLanguages 98  
 Influences Insert 82  
 Influences Maximum Number of Joins 63, 65, 68, 73  
 INFLUENCES\_INSERT 82  
 INFLUENCES\_MAXIMUM\_NUMBER\_JOINS 65, 68, 73  
 Initial Capacity 43  
 Initial Registration 81  
 Initial Translation 94  
 INITIAL\_CAPACITY 43  
 INITIAL\_REGISTRATION 81  
 INITIAL\_TRANSLATION 94  
 INSTANCE\_UID 54  
 Instantiated 99  
 INSTANTIATED\_UTC 99  
 Interaction Count 98  
 InteractionCount 98  
 intervalMs 20  
 INVANTIVE\_LICENSE\_USE\_ALLOWED 42  
 invantive-sql-compress-sparse-arrays 2  
 invantive-sql-correct-invalid-date 2  
 invantive-sql-execution-profile-disk-path 2  
 invantive-sql-execution-profile-to-disk 2  
 invantive-sql-forward-filters-to-data-containers 2  
 invantive-sql-share-byte-arrays 2  
 invantive-sql-share-strings 2  
 invantive-sql-shuffle-fetch-results-data-containers  
 invantive-use-cache 2  
 IO\_BYTES\_RECEIVED 76  
 IO\_BYTES\_SENT 76  
 IO\_DURATION\_MS 76  
 IO\_NUMBER\_OF\_PARTITIONS 76  
 IO\_ROW\_COUNT 76  
 Is Allowed? 65  
 Is Boolean 98  
 Is Catalog Used in Full Qualified Name 65, 68  
 Is Community Edition 63, 65, 68, 73  
 Is Default? 33, 34, 63, 65, 68  
 Is Display Language 42  
 Is Distributed 28  
 Is Essential? 65  
 Is EU Member 27  
 Is Monitoring 4  
 Is New 86, 89  
 Is Partition Specific 90  
 Is Public Data? 63, 65, 68, 73  
 Is Schema Used in Full Qualified Name 65, 68  
 Is SEPA Member 27  
 Is Service Area 27  
 Is Service Provider? 34, 63, 65, 68  
 Is Standard? 58  
 Is Starred 28  
 IS\_ACTIVE 54  
 IS\_ALLOWED 65  
 IS\_APPLICATION\_MANAGED 4  
 IS\_ARCHIVED 54  
 IS\_CATALOG\_USED\_IN\_FULL\_QUALIFIED\_NAME 65, 68  
 IS\_DEFAULT\_FLAG 33, 34, 65, 68  
 IS\_DISPLAY\_LANGUAGE 42  
 IS\_DISTRIBUTED 28  
 IS\_ESSENTIAL 65  
 IS\_EU\_MEMBER 27  
 IS\_LICENSED 41  
 IS\_LICENSED\_FOR\_EDIT 41  
 IS\_MONITORING 4  
 IS\_NEW 86, 89  
 IS\_PARTITION\_SPECIFIC 90  
 IS\_SCHEMA\_USED\_IN\_FULL\_QUALIFIED\_NAME 65, 68  
 IS\_SELECTED 54  
 IS\_SELECTED\_BY\_DEFAULT 54  
 IS\_SEPA\_MEMBER 27  
 IS\_SERVICE\_AREA 27  
 IS\_SERVICE\_PROVIDER\_FLAG 34, 65, 68  
 IS\_STARRED 28  
 IS\_USED 54  
 ISO Code 27, 42  
 ISO Week Number 7  
 ISO Year Number 7  
 ISO\_CODE 27, 42  
 ISO\_WEEK\_NUMBER 7  
 ISO\_YEAR\_NUMBER 7  
 IsQuestion 98  
 IUID 4, 21
- K -**
- Keep Alive 11, 16
- L -**
- LABEL 37, 38, 54, 99  
 Label for List 90  
 Label Heading 82  
 Label Plural 82, 90  
 Label Plural Composed 82  
 Label Plural Postfix 82  
 Label Plural Prefix 82  
 Label Singular 82, 86, 90

|                                    |             |   |            |
|------------------------------------|-------------|---|------------|
| Label Singular Composed            | 82          | LAST_FULL_RELEASE_CATEGORY_CODE         | 43         |
| Label Singular Postfix             | 82          | LAST_HIT_SLOT0_UTC                      | 37         |
| Label Singular Prefix              | 82          | LAST_LOG_ON_DATE                        | 100        |
| LABEL_FIXED                        | 42          | LAST_LOGON_TIME                         | 4, 95      |
| LABEL_HEADING                      | 82          | LAST_MEASUREMENT_UTC                    | 54         |
| LABEL_I18N                         | 42          | LAST_MODIFIED                           | 11, 16     |
| LABEL_LIST                         | 90          | LAST_NAME                               | 95         |
| LABEL_LIST_I18N                    | 90          | LAST_NATURAL_KEY                        | 4          |
| LABEL_PLURAL                       | 82, 90      | LAST_OPERATION_CATEGORY_CODE            | 43         |
| LABEL_PLURAL_COMPOSED              | 82          | LAST_RELEASE_CATEGORY_CODE              | 43         |
| LABEL_PLURAL_I18N                  | 90          | LAST_SLEEP_CONTEXT                      | 37         |
| LABEL_PLURAL_POSTFIX               | 82          | LAST_SLEEP_DURATION_MS                  | 37         |
| LABEL_PLURAL_PREFIX                | 82          | LAST_SLEEP_START_UTC                    | 37         |
| LABEL_SINGULAR                     | 82, 86, 90  | LAST_SLOT_REGISTRATION_UTC              | 38         |
| LABEL_SINGULAR_COMPOSED            | 82          | LAST_START_TIME                         | 76         |
| LABEL_SINGULAR_I18N                | 82, 90      | LAST_TIMEOUT_CATEGORY_CODE              | 43         |
| LABEL_SINGULAR_POSTFIX             | 82          | LAST_UPDATE_DATE_UTC                    | 90         |
| LABEL_SINGULAR_PREFIX              | 82          | LAST_UPDATE_REMOTE_CORRELATION_IDS      | 54         |
| LANGUAGE                           | 95          | LAST_UPDATE_REQUEST_ID                  | 54         |
| Language Code                      | 94, 98, 100 | LAST_USAGE                              | 81         |
| LANGUAGE_CODE                      | 94, 100     | LAST_WAIT_TIMEOUT_MS                    | 43         |
| LanguageCode                       | 98          | Ice                                     | 43         |
| Languages                          | 42          | lck                                     | 43         |
| Last Acquisition                   | 43          | LEVEL                                   | 46, 74, 99 |
| Last Authentication Time           | 28          | lge                                     | 42         |
| Last Context                       | 37, 38      | License Contract Code                   | 4, 21      |
| Last End Time                      | 76          | License Key Identifier                  | 4, 21      |
| Last Full Release                  | 43          | LICENSE_CONTRACT_CODE                   | 4, 21      |
| Last Hit of Slot 0                 | 37          | LICENSE_KEY_IDENTIFIER                  | 4, 21      |
| Last Log On Date                   | 100         | Licensed                                | 41         |
| Last Logon                         | 95          | Licensed for Edit                       | 41         |
| Last Modified                      | 11, 16      | Licenses                                | 43         |
| Last Name                          | 95          | Licensing Feature                       | 65         |
| Last Natural Key                   | 4           | LICENSING_FEATURE                       | 65         |
| Last Operation                     | 43          | Life Cycle Type                         | 46, 48     |
| Last Release                       | 43          | LIFE_CYCLE_TYPE                         | 46         |
| Last Sleep Context                 | 37          | LINKED_IN                               | 95         |
| Last Sleep Duration (ms)           | 37          | LinkedIn                                | 95         |
| Last Sleep Start                   | 37          | Live Performance Measurements           | 18         |
| Last Slot Registration             | 38          | Live Retrieve Table Function Parameters | 89         |
| Last Start Time                    | 76          | Live Retrieved Table Columns            | 86         |
| Last Timeout                       | 43          | lmc                                     | 46         |
| Last Update Date                   | 90          | lme                                     | 42, 74     |
| Last Update Remote Correlation IDs | 54          | Locks                                   | 43         |
| Last Updated Request ID            | 54          | Log On Code                             | 95         |
| Last Usage                         | 81          | LOG_ON_CODE                             | 95         |
| Last Wait Timeout (ms)             | 43          | Logging Level                           | 4          |
| LAST_ACQUISITION_CATEGORY_CODE     | 43          | LOGGING_LEVEL                           | 4          |
| LAST_AUTHENTICATION_TIME_UTC       | 28          | log-native-calls-to-disk-max-events     | 2          |
| LAST_CONTEXT                       | 37, 38      | log-native-calls-to-disk-max-seconds    | 2          |
| LAST_END_TIME                      | 76          | log-native-calls-to-disk-on-error       | 2          |

log-native-calls-to-disk-on-success 2  
 log-native-calls-to-trace 2  
 Logon Time 4

## - M -

Main Category 65, 68  
 MAIN\_CATEGORY 65, 68  
 Managed File Actions 46  
 Managed Files 48  
 Managed Thread ID 4, 11, 16, 21, 30, 76, 78  
 MANAGED\_THREAD\_ID 4, 11, 16, 21, 30, 76, 78  
 Manually Adapted 28  
 MANUALLY\_ADAPTED 28  
 MARKETPLACE\_URL 65, 68  
 Master Roll-up 54  
 MASTER\_ROLL\_UP 54  
 MAX\_AUTOMATIC\_REDIRECTIONS 11, 16  
 max\_duration\_sec 18  
 MAX\_LENGTH 82, 86  
 MAX\_NUMBER\_OF\_SHOWS 99  
 max\_tests 18  
 Maximum Calls per Day 54  
 Maximum Capacity 43  
 Maximum Duration (ticks) 24, 25  
 Maximum Length 82, 86  
 Maximum Number of Automatic Redirections 11, 16  
 Maximum Number of Parallel Requests 68  
 Maximum Number of Shows 99  
 Maximum Number of Usable Partitions 65, 68  
 Maximum Remaining Calls per Minute 54  
 MAXIMUM\_CAPACITY 43  
 MAXIMUM\_NUMBER\_PARALLEL\_REQUESTS 68  
 MAXIMUM\_NUMBER\_USABLE\_PARTITIONS 65, 68  
 maximum-length-identifiers 2  
 Measured Average Access Latency (ms) 90  
 Measured Average Number Full Scan Row per Minute 90  
 Measured Average Number Point Query Rows per Minute 90  
 Measured Average Number Rows Written per Minute 90  
 MEASURED\_AVERAGE\_ACCESS\_LATENCY\_MS 90  
 MEASURED\_AVERAGE\_FULL\_SCAN\_ROWS\_PER\_MINUTE 90  
 MEASURED\_AVERAGE\_POINT\_QUERY\_ROWS\_PER\_MINUTE 90  
 MEASURED\_AVERAGE\_WRITE\_ROWS\_PER\_MINUTE 90  
 Measurement Moment 54  
 Message Code 4, 50, 74, 78, 99  
 Message Text 74, 99  
 Message UID 4, 74  
 MESSAGE\_CODE 4, 46, 50, 74, 78, 99  
 MESSAGE\_TEXT 74  
 MESSAGE\_UID 4, 74  
 MessageCode 98  
 method 11  
 Metric Name 4  
 Metric Value 4  
 METRIC\_NAME 4  
 METRIC\_VALUE 4  
 mfe 48  
 mfn 46  
 Middle Name 95  
 MIDDLE\_NAME 95  
 MIME Type 11, 16, 95  
 MIME\_TYPE 11, 16  
 Minimum Duration (ticks) 24, 25  
 Minimum Length 82  
 Minimum Length Padding 82  
 MINIMUM\_LENGTH 82  
 MINIMUM\_LENGTH\_PADDING 82  
 minimumDurationMs 11  
 MINUTELY\_LIMIT 54  
 MINUTELY\_REMAINING 54  
 MINUTELY\_RESET\_DATE\_UTC 54  
 Mobile Number 95  
 MOBILE\_NUMBER 95  
 MODIFIED\_ACTION 48  
 MODIFIED\_BILLING\_ID 48  
 MODIFIED\_CALL\_SAFE\_NAME\_OVERRULE 48  
 MODIFIED\_CALLING\_PROVIDER\_ALIAS 48  
 MODIFIED\_CATALOG\_NAME 48  
 MODIFIED\_DATA\_CONTAINER\_ID 48  
 MODIFIED\_DATE\_DO\_NOT\_REMOVE\_BEFORE 48  
 MODIFIED\_DATE\_REGISTERED 48  
 MODIFIED\_EXCEPTION\_CODE 48  
 MODIFIED\_EXCEPTION\_TEXT 48  
 MODIFIED\_EXECUTION\_STEP\_ID 48  
 MODIFIED\_GUI\_ACTION 48  
 MODIFIED\_GUI\_IP\_ADDRESS\_EXTERNAL 48  
 MODIFIED\_GUI\_IP\_PORT 48  
 MODIFIED\_GUI\_MACHINE 48  
 MODIFIED\_GUI\_MODULE\_NAME 48  
 MODIFIED\_GUI\_MODULE\_VERSION 48  
 MODIFIED\_GUI\_OS\_USER 48  
 MODIFIED\_GUI\_USER 48  
 MODIFIED\_LIFE\_CYCLE\_TYPE 48  
 MODIFIED\_MESSAGE\_CODE 48

MODIFIED\_PARTITION 48  
 MODIFIED\_POOL\_IDENTITY 48  
 MODIFIED\_PROCESS\_ID 48  
 MODIFIED\_PROVIDER\_NAME 48  
 MODIFIED\_REQUEST\_ID 48  
 MODIFIED\_SCHEMA\_NAME 48  
 MODIFIED\_SESSION\_ID 48  
 MODIFIED\_SIZE\_BYTES 48  
 MODIFIED\_SIZE\_CHARACTERS 48  
 MODIFIED\_TABLE\_NAME 48  
 MODIFIED\_TYPE 48  
 MODIFIED\_UTC 54  
 MODULE\_TYPE 42  
 Month Number 7  
 Month Number of First Day in Week 7  
 Month Number of Last Day in Week 7  
 MONTH\_NR\_DAY1\_IN\_WEEK 7  
 MONTH\_NR\_DAY7\_IN\_WEEK 7  
 MONTH\_NUMBER 7  
 Most Unqualified Name 82  
 MOST\_UNQUALIFIED\_NAME 82

## - N -

NAME 15, 26, 27, 33, 42, 43, 54, 62, 65, 68, 75, 82, 86, 88, 89, 90, 94, 95, 97  
 NAME\_I18N 42  
 Named Complex Type 90  
 NATIONALITY 95  
 New Value 1 23  
 NEW\_VALUE\_TEXT\_1 23  
 NULLABLE 82, 86  
 Number Generator 20  
 Number of Actions 48  
 Number of Anonymizations 24, 25  
 Number of Deletes 48  
 Number of Fields 76  
 Number of Hits 37  
 Number of Managed Threads 76  
 Number of Mappings 24, 25  
 Number of Partitions 34, 76  
 Number of Reads 48  
 Number of Requests 76  
 Number of Retries 24, 25  
 Number of Selected Partitions 34  
 Number of Sleeps 37  
 Number of Slots in Period 37, 38  
 Number of Tasks 76  
 Number of Writes 48  
 NUMBER\_OF\_ACTIONS 48  
 NUMBER\_OF\_ANONYMIZATIONS 24, 25

NUMBER\_OF\_DELETES 48  
 NUMBER\_OF\_FIELDS 76  
 NUMBER\_OF\_FIRST\_FREE\_SLOT 37, 38  
 NUMBER\_OF\_MANAGED\_THREADS 76  
 NUMBER\_OF\_MAPPINGS 24, 25  
 NUMBER\_OF\_READS 48  
 NUMBER\_OF\_REQUESTS 76  
 NUMBER\_OF\_RETRIES 24, 25  
 NUMBER\_OF\_SLOTS\_IN\_PERIOD 37, 38  
 NUMBER\_OF\_TASKS 76  
 NUMBER\_OF\_WRITES 48

## - O -

OBSOLETE 29, 63  
 Occurrence Date (UTC) 4, 50  
 OCCURRENCE\_DATE\_UTC 4, 50  
 OData Base Path 90  
 OData Field Selection Method 90  
 OData Metadata URL 90  
 OData Server-side Filters 90  
 OData Service URL for Delete 90  
 OData Service URL for Insert 90  
 OData Service URL for Select 90  
 OData Service URL for Update 90  
 ODATA\_BASE\_PATH 90  
 ODATA\_FIELD\_SELECTION\_METHOD 90  
 ODATA\_METADATA\_URL 90  
 ODATA\_SERVER\_SIDE\_FILTERS 90  
 ODATA\_SERVICE\_URL\_FOR\_DELETE 90  
 ODATA\_SERVICE\_URL\_FOR\_INSERT 90  
 ODATA\_SERVICE\_URL\_FOR\_SELECT 90  
 ODATA\_SERVICE\_URL\_FOR\_UPDATE 90  
 Offset (minutes) 97  
 OFFSET\_MIN 97  
 oft 50  
 Old Value 1 23  
 OLD\_VALUE\_TEXT\_1 23  
 ORIGIN 29, 63  
 Original Value 25  
 ORIGINAL\_VALUE 25  
 Owner Company Code 54  
 Owner Company GUID 54  
 Owner Company ID 54  
 Owner Company Name 54

## - P -

Package Description 51, 52, 53  
 Package Documentation 51, 52, 53

- Package Function Arguments 51
- Package Functions 52
- Package Name 51, 52, 53
- PACKAGE\_DESCRIPTION 51, 52, 53
- PACKAGE\_DOCUMENTATION 51, 52, 53
- PACKAGE\_NAME 51, 52, 53
- Packages 53
- pae 33, 63, 68
- Parameter List 21
- Parameter Values 4, 76
- PARAMETER\_LIST 21
- PARAMETER\_VALUES 4, 76
- Parameters 78, 82, 90
- Parent ID 78
- Parent URL 11, 16
- PARENT\_ID 78
- PARENT\_URL 11, 16
- PARTITION 4, 21, 23, 46, 48, 78
- Partition Allow Write 58, 60
- Partition Code 43, 58, 60
- Partition Code Column Name 65, 68
- Partition Company Address 58, 60
- Partition Company City 58, 60
- Partition Company CoC Number 58, 60
- Partition Company Country 58, 60
- Partition Company Email Address 58, 60
- Partition Company Name 58, 60
- Partition Company Phone 58, 60
- Partition Company State 58, 60
- Partition Company Twitter Account 58, 60
- Partition Company VAT Number 58, 60
- Partition Company Wage Tax Number 58, 60
- Partition Company Web Site 58, 60
- Partition Company ZIP Code 58, 60
- Partition Created 58, 60
- Partition Description 58, 60
- Partition First Use 58, 60
- Partition Has Selected All Partitions 65
- Partition Label 58, 60
- Partition Label Plural 65
- Partition Label Singular 65, 68
- Partition Master Roll-up 58, 60
- Partition Modified 58, 60
- Partition Name 58, 60
- Partition Preferred UI Label Plural 65
- Partition Preferred UI Label Selected Elements 65
- Partition Preferred UI Label Selector 65
- Partition Preferred UI Label Singular 65
- Partition Roll-up 58, 60
- Partition Rollup Label Singular 65
- Partition Selected 58, 60
- Partition Selected by Default 58, 60
- Partition Short Name 58, 60
- Partition Supports No Selected Partitions 65
- Partition Used 58, 60
- PARTITION\_CODE 43
- PARTITION\_CODE\_COLUMN\_NAME 65, 68
- PARTITION\_INFO\_ALL\_PARTITIONS\_SELECTED 65
- PARTITION\_INFO\_LABEL\_SINGULAR 65
- PARTITION\_INFO\_PREFERRED\_UI\_LABEL\_PLURAL 65
- PARTITION\_INFO\_PREFERRED\_UI\_LABEL\_SELECTED\_ELEMENTS 65
- PARTITION\_INFO\_PREFERRED\_UI\_LABEL\_SELECTOR 65
- PARTITION\_INFO\_PREFERRED\_UI\_LABEL\_SINGULAR 65
- PARTITION\_INFO\_SUPPORTS\_MULTIPLE\_SELECTED\_PARTITIONS 65
- PARTITION\_INFO\_SUPPORTS\_NO\_SELECTED\_PARTITIONS 65
- PARTITION\_INFO\_SUPPORTS\_PARTITIONS 65
- PARTITION\_LABEL\_SINGULAR 65, 68
- Partitions 18, 54
- PARTITIONS\_COUNT 34
- PARTITIONS\_INFO\_LABEL\_PLURAL 65
- PARTITIONS\_INFO\_MASTER\_ROLLUP\_LABEL 65
- PARTITIONS\_INFO\_ROLLUP\_LABEL 65
- PARTITIONS\_SELECTED\_COUNT 34
- partition-slot-based-rate-limit-length-ms 2
- partition-slot-based-rate-limit-slots 2
- PATH 15
- PAYLOAD 32
- PERFORMANCEMEASUREMENTSLIVE 18
- Permissions Policy 11, 16
- pfn 51
- pft 52
- Phone Number 95
- PHONE\_NUMBER 95
- Picture 95
- Picture (URL) 95
- PICTURE\_BLOB 95
- PICTURE\_MIME\_TYPE 95
- PICTURE\_URL 95
- pke 53
- pme 18
- POINT\_QUERIES\_ELAPSED\_TIME\_MS 90
- POINT\_QUERIES\_EXECUTED 90
- Pool Identity 4, 21, 43, 46, 48, 74
- Pool Identity Last Acquisition 43
- Pool Identity Last Timeout 43
- POOL\_IDENTITY 4, 21, 43, 46, 74

|                                     |                |   |  |
|-------------------------------------|----------------|---|--|
| POOL_IDENTITY_LAST_ACQUISITION      | 43             | PRODUCTION_USE_ALLOWED                        | 65, 68   |
| POOL_IDENTITY_LAST_TIMEOUT          | 43             | Provider                                      | 2, 4, 21   |
| POSITION                            | 82             | Provider Database Pool Description            | 34   |
| POST_PROCESS_GET_VALUE              | 86             | Provider Database Pricing Tier                | 34   |
| postDelayMs                         | 20             | Provider Database Service Tier                | 34   |
| Post-process Get Value              | 86             | Provider Database Version                     | 34   |
| postSleepMs                         | 11             | Provider Database Version Number              | 34   |
| Powered by (extension)              | 11, 16         | Provider Description                          | 18, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 54, 58, 60, 63, 68, 73, 75, 82, 88, 90, 97                             |
| ppy                                 | 62             | Provider Documentation                        | 63   |
| PRECISION                           | 82, 86         | Provider Instance UID                         | 4, 18, 21, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 43, 50, 51, 52, 53, 54, 58, 60, 68, 75, 82, 86, 88, 89, 90, 97  |
| preDelayMs                          | 20             | Provider Name                                 | 18, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 43, 46, 48, 50, 51, 52, 53, 54, 58, 60, 63, 68, 73, 75, 82, 88, 90, 97 |
| PreferredLanguageCode               | 98             | Provider Reserved Words                       | 33   |
| pre-request-delay-ms                | 2              | Provider Sample Queries                       | 73   |
| Presence Required                   | 88, 89         | Provider Short Name                           | 18, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 54, 58, 60, 63, 68, 73, 75, 82, 88, 90, 97                             |
| PRESENCE_REQUIRED                   | 88, 89         | Provider Slot-based Rate Limiter Slots        | 38   |
| preSleepMs                          | 11             | Provider Slot-based Rate Limiters             | 37   |
| Previous Day Remaining Calls        | 54             | Provider UID                                  | 63, 65, 73   |
| Previous Day Timestamp              | 54             | PROVIDER_COMMUNITY_EDITION                    | 63, 73   |
| Previous Hit of Slot 0              | 37             | PROVIDER_DATA_CONTAINER_ALIAS                 | 18, 23, 26, 29, 30, 32, 33, 37, 38, 39, 40, 51, 52, 53, 54, 58, 60, 63, 73, 75, 82, 88, 90, 97                         |
| Previous Hour Remaining Calls       | 54             | PROVIDER_DATA_CONTAINER_ID                    | 18, 23, 26, 29, 30, 32, 33, 37, 38, 39, 40, 54, 58, 60, 63, 73, 75, 82, 88, 90, 97                                     |
| Previous Hour Timestamp             | 54             | PROVIDER_DATABASE_POOL_DESCRIPTION            | 34   |
| Previous Measurement Moment         | 54             | PROVIDER_DATABASE_PRICING_TIER                | 34   |
| Previous Minute Remaining Calls     | 54             | PROVIDER_DATABASE_SERVICE_TIER                | 34   |
| Previous Minute Timestamp           | 54             | PROVIDER_DATABASE_VERSION                     | 34   |
| Previous Remaining Calls            | 54             | PROVIDER_DATABASE_VERSION_NUMBER              | 34   |
| Previous Remaining Calls per Minute | 54             | PROVIDER_DESCRIPTION                          | 18, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 54, 58, 60, 63, 73, 75, 82, 88, 90, 97                                 |
| Previous Sleep Context              | 37             | PROVIDER_DOCUMENTATION                        | 63   |
| Previous Sleep Duration (ms)        | 37             | PROVIDER_DOCUMENTATION_URL                    | 63, 73   |
| Previous Sleep Start                | 37             | PROVIDER_DOWNLOAD_IMPLEMENTATION_URL          | 63, 73   |
| PREVIOUS_DAILY_REMAINING            | 54             | PROVIDER_FUNCTIONAL_DOCUMENTATION_URL         | 63, 73   |
| PREVIOUS_DAY_DAILY_REMAINING        | 54             | PROVIDER_FUNCTIONAL_SUPPORT_DISCORD_COMMUNITY | 63, 73   |
| PREVIOUS_DAY_DAILY_TIMESTAMP_UTC    | 54             | PROVIDER_FUNCTIONAL_SUPPORT_EMAIL_ADDRESS     | 63, 73   |
| PREVIOUS_HIT_SLOT0_UTC              | 37             | PROVIDER_FUNCTIONAL_SUPPORT_PHONE_NUMBER      | 63, 73   |
| PREVIOUS_HOUR_DAILY_REMAINING       | 54             | PROVIDER_FUNCTIONAL_SUPPORT_URL               | 63, 73   |
| PREVIOUS_HOUR_DAILY_TIMESTAMP_UTC   | 54             |   |  |
| PREVIOUS_MEASUREMENT_UTC            | 54             |   |  |
| PREVIOUS_MINUTE_DAILY_REMAINING     | 54             |   |  |
| PREVIOUS_MINUTE_DAILY_TIMESTAMP_UTC | 54             |   |  |
| PREVIOUS_MINUTELY_REMAINING         | 54             |   |  |
| PREVIOUS_SLEEP_CONTEXT              | 37             |   |  |
| PREVIOUS_SLEEP_DURATION_MS          | 37             |   |  |
| PREVIOUS_SLEEP_START_UTC            | 37             |   |  |
| Primary Key Columns                 | 82, 90         |   |  |
| PRIMARY_KEY_FIELD                   | 90             |   |  |
| Process ID                          | 21, 43, 46, 48 |   |  |
| PROCESS_ID                          | 21, 43, 46     |   |  |
| Product Code                        | 42             |   |  |
| Product Phase                       | 65             |   |  |
| PRODUCT_CODE                        | 42             |   |  |
| PRODUCT_PHASE                       | 65             |   |  |
| Production Use Allowed              | 63, 65, 68, 73 |   |  |

PROVIDER\_INFLUENCES\_MAXIMUM\_NUMBER\_JOINT\_INSTANCE\_UID 58, 60  
 NS 63, 73  
 PROVIDER\_INSTANCE\_UID 4, 18, 21, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 43, 50, 51, 52, 53, 54, 58, 60, 68, 75, 82, 86, 88, 89, 90, 97  
 PROVIDER\_IS\_DEFAULT\_FLAG 63  
 PROVIDER\_IS\_SERVICE\_PROVIDER\_FLAG 63  
 PROVIDER\_MARKETPLACE\_URL 63, 73  
 PROVIDER\_NAME 4, 18, 21, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 43, 46, 50, 51, 52, 53, 54, 58, 60, 63, 73, 75, 82, 88, 90, 97  
 PROVIDER\_PRODUCTION\_USE\_ALLOWED 63, 73  
 PROVIDER\_PUBLIC\_DATA 63, 73  
 PROVIDER\_SHORT\_NAME 18, 23, 26, 29, 30, 32, 33, 34, 37, 38, 39, 40, 54, 58, 60, 63, 73, 75, 82, 88, 90, 97  
 PROVIDER\_TECHNICAL\_DOCUMENTATION\_URL 63, 73  
 PROVIDER\_TECHNICAL\_SUPPORT\_DISCORD\_COMMUNITY 63, 73  
 PROVIDER\_TECHNICAL\_SUPPORT\_EMAIL\_ADDRESS 63, 73  
 PROVIDER\_TECHNICAL\_SUPPORT\_PHONE\_NUMBER 63, 73  
 PROVIDER\_TECHNICAL\_SUPPORT\_URL 63, 73  
 PROVIDER\_UID 63, 65, 73  
 Providers 65  
 psc 58  
 psy 73  
 ptg 60  
 ptn 54  
 PTN\_ALLOW\_WRITE 58, 60  
 PTN\_CODE 58, 60  
 PTN\_COMPANY\_ADDRESS 58, 60  
 PTN\_COMPANY\_CITY 58, 60  
 PTN\_COMPANY\_COC\_NUMBER 58, 60  
 PTN\_COMPANY\_COUNTRY 58, 60  
 PTN\_COMPANY\_EMAIL\_ADDRESS 58, 60  
 PTN\_COMPANY\_IBAN\_NUMBER 58, 60  
 PTN\_COMPANY\_NAME 58, 60  
 PTN\_COMPANY\_PHONE 58, 60  
 PTN\_COMPANY\_POSTAL\_CODE 58, 60  
 PTN\_COMPANY\_RSIN\_NUMBER 58, 60  
 PTN\_COMPANY\_SERVER\_MOVE\_DATE\_UTC 58, 60  
 PTN\_COMPANY\_STATE 58, 60  
 PTN\_COMPANY\_TWITTER\_ACCOUNT 58, 60  
 PTN\_COMPANY\_VAT\_NUMBER 58, 60  
 PTN\_COMPANY\_WAGE\_TAX\_NUMBER 58, 60  
 PTN\_COMPANY\_WEB\_SITE 58, 60  
 PTN\_CREATED\_UTC 58, 60  
 PTN\_DESCRIPTION 58, 60  
 PTN\_FIRST\_USE\_UTC 58, 60  
 PTN\_IS\_SELECTED 58, 60  
 PTN\_IS\_SELECTED\_BY\_DEFAULT 58, 60  
 PTN\_IS\_USED 58, 60  
 PTN\_LABEL 58, 60  
 PTN\_MASTER\_ROLL\_UP 58, 60  
 PTN\_MODIFIED\_UTC 58, 60  
 PTN\_NAME 58, 60  
 PTN\_ROLL\_UP 58, 60  
 PTN\_SELECTED\_LAST\_MODIFIED\_UTC 58, 60  
 PTN\_SELECTED\_LAST\_SET\_UTC 58, 60  
 PTN\_SELECTED\_LAST\_UNSET\_UTC 58, 60  
 PTN\_SHORT\_NAME 58, 60  
 Public Query Parameters 21  
 PUBLIC\_DATA 65, 68  
 PUBLIC\_QUERY\_PARAMETERS 21  
 pr 65

**- Q -**

QUANTITY 46  
 QUERY 97

**- R -**

Random BLOB 20, 101, 102, 103, 104, 105  
 random\_blob 20, 101, 102, 103, 104, 105  
 randomBlobSize 20  
 RANGE 20  
 ReadMoreUrl 98  
 Recursion Level 21  
 RECURSION\_LEVEL 21  
 REDIRECT\_URL 43, 65, 68  
 Reduced Accuracy Value 58  
 Reference Key 4  
 Reference Table Code 4  
 REFERENCE\_KEY 4  
 REFERENCE\_TABLE\_CODE 4  
 Referrer Policy 11, 16  
 Registered 43, 46, 48  
 Registration Date 32  
 Registration Moment 28  
 REGISTRATION\_DATE\_UTC 32  
 REGISTRATION\_MOMENT\_UTC 28  
 Release Count 43  
 RELEASE\_COUNT 43  
 Remaining Calls per Minute 54  
 Remaining Calls Today 54  
 Remote Authentication Mode 28  
 Remote Correlation IDs 21



SCHEMA 18, 39, 46, 48, 75, 90, 97  
 SCHEMA\_NAME 39, 46  
 Schemas 75  
 SECURE 15  
 Selected 54  
 Selected by Default 54  
 SELECTED\_LAST\_MODIFIED\_UTC 54  
 SELECTED\_LAST\_SET\_UTC 54  
 SELECTED\_LAST\_UNSET\_UTC 54  
 sep 78  
 SEQ\_NR 60  
 Sequences 60  
 Server 11, 16  
 Server-side Filters 90  
 Service Name 4  
 Service State 4  
 Service URL 90  
 SERVICE\_NAME 4  
 SERVICE\_STATE 4  
 SERVICE\_URL 86, 89  
 Session I/Os 21  
 Session ID 4, 21, 43, 46, 48  
 SESSION\_ID 4, 21, 43, 46  
 SESSION\_IO\_BYTES\_RECEIVED\_OTHER 54, 68  
 SESSION\_IO\_BYTES\_RECEIVED\_OVERALL 54, 68  
 SESSION\_IO\_BYTES\_RECEIVED\_READ 54, 68  
 SESSION\_IO\_BYTES\_RECEIVED\_WRITE 54, 68  
 SESSION\_IO\_BYTES\_SENT\_OTHER 54, 68  
 SESSION\_IO\_BYTES\_SENT\_OVERALL 54, 68  
 SESSION\_IO\_BYTES\_SENT\_READ 54, 68  
 SESSION\_IO\_BYTES\_SENT\_WRITE 54, 68  
 SESSION\_IO\_DURATION\_MS\_OTHER 54, 68  
 SESSION\_IO\_DURATION\_MS\_OVERALL 54, 68  
 SESSION\_IO\_DURATION\_MS\_READ 54, 68  
 SESSION\_IO\_DURATION\_MS\_WRITE 54, 68  
 SESSION\_IO\_EXECUTION\_COUNT\_OTHER 54, 68  
 SESSION\_IO\_EXECUTION\_COUNT\_OVERALL 54, 68  
 SESSION\_IO\_EXECUTION\_COUNT\_READ 54, 68  
 SESSION\_IO\_EXECUTION\_COUNT\_WRITE 54, 68  
 SESSION\_TIME\_UTC\_OFFSET\_SECONDS 34  
 SESSIONIOS 21  
 SESSIONROWSCHANGED 23  
 Settings File Last Modified 28  
 Settings File Name Path 28  
 SETTINGS\_FILE\_LAST\_MODIFIED\_UTC 28  
 SETTINGS\_FILE\_NAME\_PATH 28  
 SHARED\_OBJECTS\_BYTES\_ADD\_COUNT 78  
 SHARED\_OBJECTS\_BYTES\_ADD\_LENGTH 78  
 SHARED\_OBJECTS\_BYTES\_ALREADY\_SHARED\_COUNT 78  
 SHARED\_OBJECTS\_BYTES\_ALREADY\_SHARED\_LENGTH 78  
 SHARED\_OBJECTS\_BYTES\_REUSE\_COUNT 78  
 SHARED\_OBJECTS\_BYTES\_REUSE\_LENGTH 78  
 SHARED\_OBJECTS\_STRING\_ADD\_COUNT 78  
 SHARED\_OBJECTS\_STRING\_ADD\_LENGTH 78  
 SHARED\_OBJECTS\_STRING\_ALREADY\_SHARED\_COUNT 78  
 SHARED\_OBJECTS\_STRING\_ALREADY\_SHARED\_LENGTH 78  
 SHARED\_OBJECTS\_STRING\_REUSE\_COUNT 78  
 SHARED\_OBJECTS\_STRING\_REUSE\_LENGTH 78  
 Short Description 28  
 Short Name 54, 65, 90  
 Short Name for Resources 65  
 SHORT\_DESCRIPTION 28  
 SHORT\_NAME 54, 65, 68, 90  
 SHORT\_NAME\_RESOURCE 65  
 Shown to User 4  
 SHOWN\_TO\_USER 4  
 Single Row 8, 10  
 SINGLE\_LANGUAGE\_CODE 27  
 Single-Language Code 27  
 SIO 21  
 SIZE\_BYTES 46  
 SIZE\_CHARACTERS 46  
 SKYPE 95  
 Sleep Duration 21  
 Sleep Duration (ms) 37, 78  
 Slot Number 38  
 SLOT\_HIT\_COUNT 37  
 SLOT\_NUMBER 38  
 Slot-based Rate Limit Length (ms) 65, 68  
 Slot-based Rate Limit Slots 65, 68  
 SLOTBASED\_RATE\_LIMIT\_LENGTH\_MS 65, 68  
 SLOTBASED\_RATE\_LIMIT\_SLOTS 65, 68  
 slot-based-rate-limit-length-ms 2  
 slot-based-rate-limit-slots 2  
 SLP 78  
 Sma 75  
 SOAP Action 90  
 SOAP\_ACTION 90  
 Sort Order 28, 88, 89  
 SORTING\_ORDER 28, 88, 89  
 SortingOrder 98  
 SOURCE 11, 16  
 Source Additional Information 1 82  
 Source Additional Information 2 82  
 Source Additional Information 3 82  
 Source Column Name 40  
 Source Name 32

|   |                    |                                       |            |
|---|--------------------|---------------------------------------|------------|
| Source Path                                   | 82                 | STC_VALUE                             | 58         |
| SOURCE_ADDITIONAL_INFO_1                      | 82                 | STDDEV_ACTIVE                         | 43         |
| SOURCE_ADDITIONAL_INFO_2                      | 82                 | Step CPU Duration (ms)                | 78         |
| SOURCE_ADDITIONAL_INFO_3                      | 82                 | Step Duration Clock (ms)              | 78         |
| SOURCE_COLUMN_NAME                            | 40                 | Step Duration Sleeping (ms)           | 78         |
| SOURCE_NAME                                   | 32                 | Step I/O Duration (ms)                | 78         |
| SOURCE_PATH                                   | 82                 | STEP_DURATION_CLOCK_MS                | 78         |
| sph   | 81                 | STEP_DURATION_CPU_MS                  | 78         |
| SQL Execution ID                              | 78                 | STEP_DURATION_IO_MS                   | 78         |
| SQL Execution Sleeps                          | 78                 | STEP_DURATION_SLEEP_MS                | 78         |
| SQL Execution Step ID                         | 21, 43, 46, 48, 78 | stepSize                              | 20         |
| SQL Execution Steps                           | 78                 | Strict Transport Security             | 11, 16     |
| SQL Executions                                | 76                 | String Comparison is Case-Sensitive   | 65, 68     |
| SQL Pre-compiled Expressions                  | 81                 | STRING_COMPARISON_IS_CASE_SENSITIVE   | 65, 68     |
| SQL Prefix Parameter                          | 65, 68             | STYLE                                 | 43         |
| SQL Query                                     | 97                 | SUBSCRIPTION_HOLDER_ADDRESS_LINE_1    | 54         |
| SQL Revert                                    | 23                 | SUBSCRIPTION_HOLDER_ADDRESS_LINE_2    | 54         |
| SQL Statement                                 | 4, 43, 76          | SUBSCRIPTION_HOLDER_ADDRESS_LINE_3    | 54         |
| SQL Statement ID                              | 21, 78             | SUBSCRIPTION_HOLDER_CITY              | 54         |
| SQL Statements Executed                       | 76                 | SUBSCRIPTION_HOLDER_COC_NUMBER        | 54         |
| SQL_PREFIX_PARAMETER                          | 65, 68             | SUBSCRIPTION_HOLDER_CODE              | 54         |
| SQL_REVERT                                    | 23                 | SUBSCRIPTION_HOLDER_COUNTRY           | 54         |
| SQL_STATEMENT                                 | 4, 43, 73, 76      | SUBSCRIPTION_HOLDER_EMAIL_ADDRESS     | 54         |
| srd   | 23                 | SUBSCRIPTION_HOLDER_GUID              | 54         |
| Standard Deviation Active                     | 43                 | SUBSCRIPTION_HOLDER_ID                | 54         |
| Standard Deviation Wait Duration (ms)         | 43                 | SUBSCRIPTION_HOLDER_LEGAL_FORM        | 54         |
| standardize-identifiers                       | 2                  | SUBSCRIPTION_HOLDER_NAME              | 54         |
| standardize-identifiers-casing                | 2                  | SUBSCRIPTION_HOLDER_PHONE             | 54         |
| Start Date                                    | 94                 | SUBSCRIPTION_HOLDER_POSTAL_CODE       | 54         |
| Start Time                                    | 76, 78             | SUBSCRIPTION_HOLDER_SBI_CODE          | 54         |
| START_DATE                                    | 94                 | SUBSCRIPTION_HOLDER_VAT_NUMBER        | 54         |
| START_TIME_UTC                                | 76, 78             | SUBSCRIPTION_HOLDER_WEB_SITE          | 54         |
| Statement ID                                  | 76, 78             | Succesful                             | 18, 21, 23 |
| STATEMENT_FINGER_PRINT                        | 76                 | SUCCESSFUL                            | 18, 21, 23 |
| STATEMENT_ID                                  | 21, 76, 78         | Supports Column Filtering             | 65, 68     |
| Static Average Access Latency (ms)            | 90                 | Supports Multiple Selected Partitions | 65         |
| Static Average Rows per Minute on Full Scan   | 90                 | Supports Native Scalar Requests       | 65, 68     |
| Static Average Rows per Minute on Point Query | 90                 | Supports Native SQL                   | 65, 68     |
| Static Average Rows per Minute Written        | 90                 | Supports Ordering                     | 65, 68     |
| STATIC_AVERAGE_ACCESS_LATENCY_MS              | 90                 | Supports Partitions                   | 65         |
| STATIC_AVERAGE_FULL_SCAN_ROWS_PER_MINUTE      | 90                 | Supports Simple Filter Delete         | 65, 68     |
| UTE   | 90                 | Supports Simple Filter Update         | 65, 68     |
| STATIC_AVERAGE_POINT_QUERY_ROWS_PER_MINUTE    | 90                 | SUPPORTS_COLUMN_FILTERING             | 65, 68     |
| INUTE   | 90                 | SUPPORTS_NATIVE_SCALAR_REQUESTS       | 65, 68     |
| STATIC_AVERAGE_WRITE_ROWS_PER_MINUTE          | 90                 | SUPPORTS_NATIVE_SQL                   | 65, 68     |
| STC_CODE                                      | 58                 | SUPPORTS_ORDERING                     | 65, 68     |
| STC_CREATION_DATE_UTC                         | 58                 | SUPPORTS_SIMPLE_FILTER_DELETE         | 65, 68     |
| STC_DESCRIPTION                               | 58                 | SUPPORTS_SIMPLE_FILTER_UPDATE         | 65, 68     |
| STC_IS_STANDARD                               | 58                 | Swagger Content Type                  | 90         |
| STC_REDUCED_ACCURACY_VALUE                    | 58                 |                                       |            |
| STC_TYPE                                      | 58                 |                                       |            |

- Swagger Delete Operation 90
- Swagger Insert Operation 90
- Swagger Pre Mapping Table Name 90
- Swagger Response Schema 90
- Swagger Select Operation 90
- Swagger Update Operation 90
- SWAGGER\_CONTENT\_TYPE 90
- SWAGGER\_DELETE\_OPERATION 90
- SWAGGER\_INSERT\_OPERATION 90
- SWAGGER\_PRE\_MAPPING\_TABLE\_NAME 90
- SWAGGER\_RESPONSE\_SCHEMA 90
- SWAGGER\_SELECT\_OPERATION 90
- SWAGGER\_UPDATE\_OPERATION 90
- System Data Container HTTP Cache Contents 30
- System Functions 41
- System Partition Statistics 58
- System Partition Tags 60
- System Properties and Their Values 62
- System Provider Attributes 63
- System User Settings 100
- System Users 95
- SYSTEMANONYMIZATIONMAPS 24
- SYSTEMANONYMIZATIONMAPVALUES 25
- SYSTEMANONYMIZATIONPREDEFINEDMAPS 25
- SYSTEMCATALOGS 26
- SYSTEMCOUNTRIES 27
- SYSTEMDATABASES 28
- SYSTEMDATACONTAINERATTRIBUTES 29
- SYSTEMDATACONTAINERHTTPCACHECONTENTS 30
- SYSTEMDATACONTAINERMESSAGES 32
- SYSTEMDATACONTAINERPROPERTIES 33
- SYSTEMDATACONTAINERRESERVEDWORDS 33
- SYSTEMDATACONTAINERS 34
- SYSTEMDATACONTAINERSLOTBASEDRATELIMITERS 37
- SYSTEMDATACONTAINERSLOTBASEDRATELIMITERSLOTS 38
- SYSTEMDOMAINCODES 39
- SYSTEMDOMAINCODEVALUES 40
- SYSTEMFILTERTOTABLEFUNCTIONPARAMETERS 40
- SYSTEMFUNCTIONS 41
- SYSTEMLANGUAGES 42
- SYSTEMLICENSEMODULES 42
- SYSTEMLICENSES 43
- SYSTEMLOCKS 43
- SYSTEMLOGGINGMESSAGECOUNTERSTATISTICS 46
- SYSTEMMANAGEDFILEACTIONS 46
- SYSTEMMANAGEDFILES 48
- SYSTEMOAUTHFLOWEVENTS 50
- SYSTEMPACKAGEFUNCTIONARGUMENTS 51
- SYSTEMPACKAGEFUNCTIONS 52
- SYSTEMPACKAGES 53
- SYSTEMPARTITIONS 54
- SYSTEMPARTITIONSTATISTICS 58
- SYSTEMPARTITIONTAGS 60
- SYSTEMPROPERTIES 62
- SYSTEMPROVIDERATTRIBUTES 63
- SYSTEMPROVIDERS 65
- SYSTEMPROVIDERSACTIVE 68
- SYSTEMPROVIDERSAMPLEQUERIES 73
- SYSTEMRECENTLOGGINGMESSAGES 74
- SYSTEMSCHEMAS 75
- SYSTEMSQLAREA 76
- SYSTEMSQLEXECUTIONS 76
- SYSTEMSQLEXECUTIONSLEEPS 78
- SYSTEMSQLEXECUTIONSTEPS 78
- SYSTEMSQLPRECOMPILED EXPRESSIONS 81
- SYSTEMTABLECOLUMNS 82
- SYSTEMTABLECOLUMNSLIVE 86
- SYSTEMTABLEFUNCTIONPARAMETERS 88
- SYSTEMTABLEFUNCTIONPARAMETERSLIVE 89
- SYSTEMTABLES 90
- SYSTEMTIMEZONES 94
- SYSTEMTRANSLATIONS 94
- SYSTEMUSERS 95
- SYSTEMUTC OFFSETS 97
- SYSTEMVIEWS 97

## - T -

- Table Call Safe Name 82, 86, 89
- Table Can Delete 82, 86
- Table Can Insert 82, 86
- Table Can Select 82, 86
- Table Can Update 82, 86
- Table Catalog 82, 86, 88, 89
- Table Client-Side Cacheable 82, 86
- Table Columns 82
- Table Creation Date 82, 86
- Table Description 39, 82, 86
- Table Documentation 82, 86
- Table Estimated Number of Rows 82, 86
- Table Estimated Size in Bytes 82, 86
- Table Example 39, 82, 86
- Table Full Qualified Name 82, 88
- Table Full Table Scan Row Retrieval Total Clock Time (ms) 82
- Table Function Parameters 88
- Table is New 86, 89

|   |  |  |  |
|---|--|--|--|
| Table Is Partition Specific                               | 82, 86                                     | TABLE_MEASURED_AVERAGE_ACCESS_LATENCY_MS         | 82                                     |
| Table Label for List                                      | 82, 86                                     | TABLE_NAME                                       | 18, 23, 39, 43, 46, 78, 82, 86, 88, 89 |
| Table Label Plural  | 39, 82, 86                                 | TABLE_PARAMETERS                                 | 82, 90                                 |
| Table Label Singular                                      | 82, 86                                     | TABLE_POINT_QUERIES_EXECUTED                     | 82                                     |
| Table Last Update Date                                    | 82, 86                                     | TABLE_POINT_QUERIES_EXECUTED_TOTAL_CLOCK_TIME_MS | 82                                     |
| Table Measured Average Access Latency (ms)                | 82   | TABLE_PRIMARY_KEY_FIELD                          | 82, 86                                 |
| Table Name  | 18, 23, 39, 43, 46, 48, 78, 82, 86, 88, 89 | TABLE_ROWS_WRITE_TOTAL_CLOCK_TIME_MS             | 82                                     |
| Table Number of Full Table Scans Executed                 | 82   | TABLE_ROWS_WRITTEN                               | 82                                     |
| Table Number of Point Queries Executed                    | 82   | TABLE_SCHEMA_NAME                                | 82, 86, 88, 89                         |
| Table Number of Rows Written                              | 82   | TABLE_SHORT_NAME                                 | 82, 86                                 |
| Table Number of Writes                                    | 82   | TABLE_STATIC_AVERAGE_ACCESS_LATENCY_MS           | 82                                     |
| Table Primary key   | 86   | TABLE_STATIC_AVERAGE_FULL_SCAN_ROWS_PER_MINUTE   | 82                                     |
| Table Rows Retrieved during Full Table Scans              | 82   | TABLE_STATIC_AVERAGE_POINT_QUERY_ROWS_PER_MINUTE | 82                                     |
| Table Schema  | 82, 86, 88, 89                             | TABLE_STATIC_AVERAGE_WRITE_ROWS_PER_MINUTE       | 82                                     |
| Table Short Name  | 82, 86                                     | TABLE_TYPE                                       | 82, 86, 88, 89                         |
| Table Static Average Access Latency (ms)                  | 82   | TABLE_VALID                                      | 82, 86                                 |
| Table Static Average Rows per Minute on Full Scan         | 82   | TABLE_WRITES_EXECUTED                            | 82                                     |
| Table Static Average Rows per Minute on Point Query       | 82   | Tables   | 90                                     |
| Table Static Average Rows per Minute Written              | 82   | TAG_CODE   | 60                                     |
| Table Total Clock Time Spent Executing Point Queries (ms) | 82   | TAG_CREATION_DATE                                | 60                                     |
| Table Total Time Spent Writing Rows (ms)                  | 82   | TAG_CREATOR                                      | 60                                     |
| Table Type  | 82, 86, 88, 89                             | TAG_DOMAIN_CODE                                  | 60                                     |
| Table Valid   | 82, 86                                     | TAG_TYPE   | 60                                     |
| TABLE_CALL_SAFE_NAME                                      | 82, 86, 89                                 | TAG_UPDATE_DATE                                  | 60                                     |
| TABLE_CAN_DELETE  | 82, 86                                     | TAG_UPDATER                                      | 60                                     |
| TABLE_CAN_INSERT  | 82, 86                                     | TAG_VALUE  | 60                                     |
| TABLE_CAN_SELECT  | 82, 86                                     | Tags   | 65, 98                                 |
| TABLE_CAN_UPDATE  | 82, 86                                     | Task ID  | 4, 11, 16, 21, 30, 76, 78              |
| TABLE_CATALOG_NAME  | 82, 86, 88, 89                             | TASK_ID  | 4, 11, 16, 21, 30, 76, 78              |
| TABLE_CREATION_DATE_UTC                                   | 82, 86                                     | tbl  | 90                                     |
| TABLE_DESCRIPTION   | 39, 82, 86                                 | tce  | 86                                     |
| TABLE_DOCUMENTATION                                       | 82, 86                                     | tcn  | 82                                     |
| TABLE_ESTIMATED_NUMBER_OF_ROWS                            | 82, 86                                     | Technical Documentation (URL)                    | 63, 65, 68, 73                         |
| TABLE_ESTIMATED_SIZE_BYTES                                | 82, 86                                     | TECHNICAL_DOCUMENTATION_URL                      | 65, 68                                 |
| TABLE_EXAMPLE   | 39, 82, 86                                 | TECHNICAL_SUPPORT_DISCORD_COMMUNITY              | 65, 68                                 |
| TABLE_FULL_QUALIFIED_NAME                                 | 82, 88                                     | TECHNICAL_SUPPORT_EMAIL_ADDRESS                  | 65, 68                                 |
| TABLE_FULL_TABLE_SCAN_ROW_RETRIEVAL_TOTAL_CLOCK_TIME_MS   | 82   | TECHNICAL_SUPPORT_PHONE_NUMBER                   | 65, 68                                 |
| TABLE_FULL_TABLE_SCAN_ROWS_RETRIEVED                      | 82   | TECHNICAL_SUPPORT_URL                            | 65, 68                                 |
| TABLE_FULL_TABLE_SCANS_EXECUTED                           | 82   | Test0Rows10000Sec                                | 101                                    |
| TABLE_IS_NEW  | 86, 89                                     | Test0Rows1000Sec                                 | 101                                    |
| TABLE_IS_PARTITION_SPECIFIC                               | 82, 86                                     | Test0Rows100Sec                                  | 102                                    |
| TABLE_LABEL_LIST  | 82, 86                                     | Test1000000Rows1000Mb10000Sec                    | 102                                    |
| TABLE_LABEL_PLURAL  | 39, 82, 86                                 | Test1000000Rows1000Mb1000Sec                     | 103                                    |
| TABLE_LABEL_SINGULAR                                      | 82, 86                                     |  |  |
| TABLE_LAST_UPDATE_DATE_UTC                                | 82, 86                                     |  |  |

- Test1000000Rows1000Mb1Sec 103  
 Test10000Rows100Mb100Sec 103  
 Test1000Rows1Mb1000Sec 104  
 Test100Rows1Mb100Sec 104  
 Test10Rows1000Mb1Sec 105  
 TEXT 46, 48, 99  
 textPayload 11  
 tfe 89  
 tfr 88  
 Time between Shows (sec) 99  
 Time Spent in Point Queries (ms) 90  
 Time Zone Offsets 27  
 Time Zones 94  
 TIME\_BETWEEN\_SHOWS\_SEC 99  
 Timeout Count 43  
 TIMEOUT\_COUNT 43  
 timeoutMs 11  
 TIMESTAMP 15, 46  
 TIMEZONE\_OFFSETS 27  
 Tips by Term 98  
 TIPSBYTERM 98  
 Title 95, 98  
 tln 94  
 To Parameter Name 40  
 TO\_PARAMETER\_NAME 40  
 TOKEN\_EXPIRY\_DATE\_UTC 50  
 TOP\_LEVEL\_DOMAIN 27  
 Topic 90  
 Top-level Domain 27  
 Total Delete Bytes 48  
 Total Delete Characters 48  
 Total Duration (ticks) 24, 25  
 Total Read Bytes 48  
 Total Read Characters 48  
 Total Write Bytes 48  
 Total Write Characters 48  
 TOTAL\_API\_CALLS\_ACTUAL 78  
 TOTAL\_API\_CALLS\_FROM\_DISK\_CACHE 78  
 TOTAL\_API\_CALLS\_FROM\_MEMORY\_CACHE 78  
 TOTAL\_API\_ROWS\_ACTUAL 78  
 TOTAL\_API\_ROWS\_FROM\_DISK\_CACHE 78  
 TOTAL\_API\_ROWS\_FROM\_MEMORY\_CACHE 78  
 TOTAL\_DELETE\_BYTES 48  
 TOTAL\_DELETE\_CHARACTERS 48  
 TOTAL\_READ\_BYTES 48  
 TOTAL\_READ\_CHARACTERS 48  
 TOTAL\_SHARED\_OBJECTS\_BYTES\_ADD\_COUNT 78  
 TOTAL\_SHARED\_OBJECTS\_BYTES\_ADD\_LENGTH 78  
 TOTAL\_SHARED\_OBJECTS\_BYTES\_ALREADY\_SHARED\_COUNT 78  
 TOTAL\_SHARED\_OBJECTS\_BYTES\_ALREADY\_SHARED\_LENGTH 78  
 TOTAL\_SHARED\_OBJECTS\_BYTES\_REUSE\_COUNT 78  
 TOTAL\_SHARED\_OBJECTS\_BYTES\_REUSE\_LENGTH 78  
 TOTAL\_SHARED\_OBJECTS\_STRING\_ADD\_COUNT 78  
 TOTAL\_SHARED\_OBJECTS\_STRING\_ADD\_LENGTH 78  
 TOTAL\_SHARED\_OBJECTS\_STRING\_ALREADY\_SHARED\_COUNT 78  
 TOTAL\_SHARED\_OBJECTS\_STRING\_ALREADY\_SHARED\_LENGTH 78  
 TOTAL\_SHARED\_OBJECTS\_STRING\_REUSE\_COUNT 78  
 TOTAL\_SHARED\_OBJECTS\_STRING\_REUSE\_LENGTH 78  
 TOTAL\_SLEEP\_COUNT 37  
 TOTAL\_SLEEP\_DURATION\_MS 37  
 TOTAL\_WRITE\_BYTES 48  
 TOTAL\_WRITE\_CHARACTERS 48  
 Transaction ID 23  
 Transfer Encoding 11, 16  
 Translated Label List 90  
 Translated Label Plural 90  
 Translated Label Singular 82, 90  
 Translations 94  
 Try Order 68  
 TRY\_ORDER 68  
 ttm 98  
 TWITTER 95  
 TXN\_ID 23  
 TYPE 24, 25, 26, 32, 37, 38, 43, 46, 48, 90  
 tze 94
- U -**
- UI Language Code 34  
 UI\_LANGUAGE\_CODE 34  
 UID 11, 15, 16, 21, 43, 46, 48, 50  
 UltimateFallbackLanguageCode 98  
 time 99  
 Unique Key 1 23  
 Unique Key 2 23  
 Unique Key 3 23  
 Unique Key 4 23  
 Unique Key 5 23  
 Unique Key 6 23  
 UNIQUE\_KEY\_1 23  
 UNIQUE\_KEY\_2 23  
 UNIQUE\_KEY\_3 23

|                                |                                |                                |         |
|--------------------------------|--------------------------------|--------------------------------|---------|
| UNIQUE_KEY_4                   | 23                             | User Name                      | 34, 100 |
| UNIQUE_KEY_5                   | 23                             | User Name and Company          | 34      |
| UNIQUE_KEY_6                   | 23                             | User Nationality               | 34      |
| Unit of Measure                | 4                              | User Phone Number              | 34      |
| UNIT_ID                        | 42                             | User Picture (BLOB)            | 34      |
| UNIT_OF_MEASURE                | 4                              | User Picture (URL)             | 34      |
| UNIT_SERIAL_NUMBER             | 42                             | User Picture MIME Type         | 34      |
| uot                            | 97                             | User Skype Account             | 34      |
| Update Count                   | 54                             | User Title                     | 34      |
| Update Date                    | 60                             | User Twitter Account           | 34      |
| Update with Change Count       | 54                             | User Website                   | 34      |
| UPDATE_COUNT                   | 54                             | USER_AGENT                     | 11, 16  |
| UPDATE_WITH_CHANGE_COUNT       | 54                             | USER_CHANGEABLE                | 82      |
| Updater                        | 60                             | USER_COMPANY_ADDRESS_LINE_1    | 34      |
| URL                            | 11, 15, 16, 21, 50, 86, 89, 98 | USER_COMPANY_ADDRESS_LINE_2    | 34      |
| Usage Counter                  | 81                             | USER_COMPANY_ADDRESS_LINE_3    | 34      |
| USAGE_COUNTER                  | 81                             | USER_COMPANY_BIC               | 34      |
| Used                           | 54                             | USER_COMPANY_CITY              | 34      |
| User                           | 43, 46, 48                     | USER_COMPANY_COC_NUMBER        | 34      |
| User Changeable                | 82                             | USER_COMPANY_COUNTRY           | 34      |
| User Company Address Line 1    | 34, 95                         | USER_COMPANY_CURRENCY_CODE     | 34      |
| User Company Address Line 2    | 34, 95                         | USER_COMPANY_DATE_ESTABLISHED  | 34      |
| User Company City              | 34                             | USER_COMPANY_EMAIL_ADDRESS     | 34      |
| User Company CoC Number        | 34                             | USER_COMPANY_EMPLOYEES         | 34      |
| User Company Email Address     | 34                             | USER_COMPANY_GLN_NUMBER        | 34      |
| User Company Employees         | 34, 95                         | USER_COMPANY_IBAN              | 34      |
| User Company Established       | 34, 95                         | USER_COMPANY_ID                | 34      |
| User Company ID                | 34                             | USER_COMPANY_LEGAL_STRUCTURE   | 34      |
| User Company Legal Structure   | 34, 95                         | USER_COMPANY_NAME              | 34      |
| User Company Name              | 34                             | USER_COMPANY_PAYPAL_IDENTIFIER | 34      |
| User Company PayPal Identifier | 34, 95                         | USER_COMPANY_PHONE             | 34      |
| User Company Phone             | 34                             | USER_COMPANY_POSTAL_CODE       | 34      |
| User Company RSIN Number       | 34                             | USER_COMPANY_RSIN_NUMBER       | 34      |
| User Company SIRET Number      | 34                             | USER_COMPANY_SIRET_NUMBER      | 34      |
| User Company Tradenames        | 34, 95                         | USER_COMPANY_STATE             | 34      |
| User Company VAT Number        | 34                             | USER_COMPANY_TRADENAMES        | 34      |
| User Company Website           | 34                             | USER_COMPANY_VAT_NUMBER        | 34      |
| User Email Address             | 34, 100                        | USER_COMPANY_WAGE_TAX_NUMBER   | 34      |
| User First Name                | 34                             | USER_COMPANY_WEB_SITE          | 34      |
| User Gender                    | 34                             | USER_EMAIL_ADDRESS             | 34, 100 |
| User ID                        | 34                             | USER_FIRST_NAME                | 34      |
| User Language                  | 34                             | USER_GENDER                    | 34      |
| User Language Code             | 34                             | USER_ID                        | 34      |
| User Last Logon                | 34                             | USER_LANGUAGE                  | 34      |
| User Last Name                 | 34                             | USER_LANGUAGE_CODE             | 34      |
| User LinkedIn Account          | 34                             | USER_LAST_LOGON                | 34      |
| User Log On Code               | 34, 100                        | USER_LAST_NAME                 | 34      |
| User Message                   | 4                              | USER_LINKED_IN_ACCOUNT         | 34      |
| User Messages                  | 99                             | USER_LOG_ON_CODE               | 34, 100 |
| User Middle Name               | 34                             | USER_MESSAGE                   | 4       |
| User Mobile Number             | 34                             | USER_MIDDLE_NAME               | 34      |

USER\_MOBILE\_NUMBER 34  
 USER\_NAME 34, 100  
 USER\_NAME\_AND\_COMPANY 34  
 USER\_NATIONALITY 34  
 USER\_PHONE\_NUMBER 34  
 USER\_PICTURE\_BLOB 34  
 USER\_PICTURE\_MIME\_TYPE 34  
 USER\_PICTURE\_URL 34  
 USER\_SKYPE\_ACCOUNT 34  
 USER\_TITLE 34  
 USER\_TWITTER\_ACCOUNT 34  
 USER\_WEBSITE\_URL 34  
 userAgent 11  
 USERMESSAGES 99  
 USERSETTINGS 100  
 usg 100  
 usr 95  
 UTC Offsets 97  
 UTC Session Time Offset (sec) 34

## - V -

VALID 90  
 Value 15, 20, 29, 33, 43, 58, 60, 62, 63, 101, 102,  
 103, 104, 105  
 Value Reveals OS-properties 63  
 Value Type 58, 60  
 VALUE\_REVEALS\_OS\_PROPERTIES 63  
 VERSION 15  
 Via 11, 16  
 viw 97

## - W -

WAIT\_AVERAGE\_DURATION\_MS 43  
 WAIT\_STDDEV\_DURATION\_MS 43  
 Waits Completed 43  
 WAITS\_COMPLETED 43  
 wdy 101  
 Webhook Key Column 90  
 WEBHOOK\_KEY\_FIELD 90  
 WEBHOOK\_TOPIC 90  
 WEBSITE 95  
 Week Number 7  
 WEEK\_NUMBER 7  
 WEEKDAYS 101  
 WRITE\_ELAPSED\_TIME\_MS 90  
 Writes Executed 90  
 WRITES\_EXECUTED 90  
 WRITTEN\_ROWS 90

## - X -

XML\_BASE\_XPATH 90  
 XML\_DEFAULT\_NAMESPACE\_PREFIX 90  
 XML\_NAMED\_COMPLEX\_TYPE 90  
 XML\_SERVER\_SIDE\_FILTERS 90  
 XML\_SERVICE\_URL 90  
 XML\_TOPIC 90  
 XML\_XPATH 90  
 XPath 90  
 XSS Protection (extension) 11, 16

## - Y -

Year Number 7  
 Year Number of Day 1 in Week 7  
 YEAR\_NR\_DAY1\_IN\_WEEK 7  
 YEAR\_NR\_DAY7\_IN\_WEEK 7  
 YEAR\_NUMBER 7



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