

Data Dictionary Data Model

for use with Invantive SQL

24.0

invantive
the SQL company

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

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1 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 paradigma). All Invantive UniversalSQL statements can be exchanged with a close to 100% compatibility across all clients and operating systems (Windows, MacOS, Linux, iOS, Android).

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

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 2.

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

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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 Invantive SQL statements. The data in the data dictionary views is generated dynamically by Invantive 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	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
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	✓	✓	✓	

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Code	Description	Origin	Default Value	Set from Connection String	Set from Set SQL-Statement	Set from Drivers File	Set from Log On
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 Invantive 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: Invantive

3.1.1.1 Tables

AUDITEVENTS: Data Dictionary Audit Events

Application-specific events for billing, monitoring and analysis.

Catalog: DataDictionary

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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	☑	Application name.
APPLICATION_USER	varchar2(240)	Application User	☐	Application user.
BILLING_ID	varchar2	Billing ID	☐	ID for billing.
BILLING_POOL_IDENTITY_ID	varchar2	Billing Pool Identity ID	☐	Pool identity ID for billing.
BILLING_REFERENCE	varchar2	Billing Reference	☐	Reference for billing, such as your cost centers.
DATA_CONTAINER_ID	varchar2	Data Container ID	☑	ID of the data container.
DIMENSION1_NAME	varchar2	Dimension 1 Name	☐	Name of dimension 1.
DIMENSION1_VALUE	varchar2	Dimension 1 Value	☐	Value of dimension 1.
DIMENSION10_NAME	varchar2	Dimension 10 Name	☐	Name of dimension 10.
DIMENSION10_VALUE	varchar2	Dimension 10 Value	☐	Value of dimension 10.
DIMENSION11_NAME	varchar2	Dimension 11 Name	☐	Name of dimension 11.
DIMENSION11_VALUE	varchar2	Dimension 11 Value	☐	Value of dimension 11.
DIMENSION12_NAME	varchar2	Dimension 12 Name	☐	Name of dimension 12.
DIMENSION12_VALUE	varchar2	Dimension 12 Value	☐	Value of dimension 12.
DIMENSION13_NAME	varchar2	Dimension 13 Name	☐	Name of dimension 13.
DIMENSION13_VALUE	varchar2	Dimension 13 Value	☐	Value of dimension 13.
DIMENSION14_NAME	varchar2	Dimension 14 Name	☐	Name of dimension 14.
DIMENSION14_VALUE	varchar2	Dimension 14 Value	☐	Value of dimension 14.
DIMENSION15_NAME	varchar2	Dimension 15 Name	☐	Name of dimension 15.
DIMENSION15_VALUE	varchar2	Dimension 15 Value	☐	Value of dimension 15.
DIMENSION16_NAME	varchar2	Dimension 16 Name	☐	Name of dimension 16.
DIMENSION16_VALUE	varchar2	Dimension 16 Value	☐	Value of dimension 16.
DIMENSION17_NAME	varchar2	Dimension 17 Name	☐	Name of dimension 17.
DIMENSION17_VALUE	varchar2	Dimension 17 Value	☐	Value of dimension 17.
DIMENSION18_NAME	varchar2	Dimension 18 Name	☐	Name of dimension 18.
DIMENSION18_VALUE	varchar2	Dimension 18 Value	☐	Value of dimension 18.
DIMENSION19_NAME	varchar2	Dimension 19 Name	☐	Name of dimension 19.

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Name	Data Type	Label	Required	Documentation
DIMENSION19_VALUE	varchar2	Dimension 19 Value	☐	Value of dimension 19.
DIMENSION2_NAME	varchar2	Dimension 2 Name	☐	Name of dimension 2.
DIMENSION2_VALUE	varchar2	Dimension 2 Value	☐	Value of dimension 2.
DIMENSION20_NAME	varchar2	Dimension 20 Name	☐	Name of dimension 20.
DIMENSION20_VALUE	varchar2	Dimension 20 Value	☐	Value of dimension 20.
DIMENSION3_NAME	varchar2	Dimension 3 Name	☐	Name of dimension 3.
DIMENSION3_VALUE	varchar2	Dimension 3 Value	☐	Value of dimension 3.
DIMENSION4_NAME	varchar2	Dimension 4 Name	☐	Name of dimension 4.
DIMENSION4_VALUE	varchar2	Dimension 4 Value	☐	Value of dimension 4.
DIMENSION5_NAME	varchar2	Dimension 5 Name	☐	Name of dimension 5.
DIMENSION5_VALUE	varchar2	Dimension 5 Value	☐	Value of dimension 5.
DIMENSION6_NAME	varchar2	Dimension 6 Name	☐	Name of dimension 6.
DIMENSION6_VALUE	varchar2	Dimension 6 Value	☐	Value of dimension 6.
DIMENSION7_NAME	varchar2	Dimension 7 Name	☐	Name of dimension 7.
DIMENSION7_VALUE	varchar2	Dimension 7 Value	☐	Value of dimension 7.
DIMENSION8_NAME	varchar2	Dimension 8 Name	☐	Name of dimension 8.
DIMENSION8_VALUE	varchar2	Dimension 8 Value	☐	Value of dimension 8.
DIMENSION9_NAME	varchar2	Dimension 9 Name	☐	Name of dimension 9.
DIMENSION9_VALUE	varchar2	Dimension 9 Value	☐	Value of dimension 9.
GUI_ACTION	varchar2(240)	GUI Action	☐	Action performed within the user interface.
GUI_IP_ADDRESS_EXTERNAL	varchar2(240)	GUI External IP Address	☑	External IP address of the GUI application.
GUI_IP_ADDRESS_INTERNAL	varchar2(240)	GUI Internal IP Address	☑	Internal IP address of the GUI application.
GUI_MACHINE	varchar2(240)	GUI Machine	☐	Name of the machine running the GUI application.
GUI_MODULE_NAME	varchar2(240)	GUI Module Name	☐	Module within the GUI application currently running.
GUI_MODULE_VERSION	varchar2(240)	GUI Module Version	☐	Version of module within the GUI application currently running.
GUI_MODULE	varchar2(240)	GUI Module	☐	Module within the GUI application currently running.
GUI_OS_USER	varchar2(240)	GUI OS User	☐	OS user running the GUI application.
IIID	varchar2	IIID	☐	Invantive installation ID.
IS_APPLICATION_MANAGED	char	Application Managed	☑	Indicator whether event was managed by the application.
IS_MONITORING	char	Is Monitoring	☐	Indicator whether event must be forwarded for monitoring.
IUID	varchar2	IUID	☐	Invantive user ID.
LAST_LOGON_TIME	datetime	Logon Time	☐	Date at which the last logon found place.
LAST_NATURAL_KEY	varchar2(4000)	Last Natural Key	☐	Last seen natural key of business object.

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Name	Data Type	Label	Required	Documentation
LICENSE_CONTRACT_CODE	varchar2	License Contract Code	☑	License contract code.
LICENSE_KEY_IDENTIFIER	varchar2	License Key Identifier	☑	License key identifier.
LOGGING_LEVEL	varchar2(30)	Logging Level	☑	Type of logging message.
MANAGED_THREAD_ID	int32	Managed Thread ID	☐	Managed thread ID.
MESSAGE_CODE	varchar2(30)	Message Code	☐	Code of the message. May not start with 'itgen' or 'bubs'.
MESSAGE_UID	guid	Message UID	☑	Specific UID for easy recognition.
METRIC_NAME	varchar2	Metric Name	☐	Name of monitoring metric.
METRIC_VALUE	varchar2	Metric Value	☐	Value of monitoring metric.
OCCURRENCE_DATE_UTC	datetime	Occurrence Date (UTC)	☑	UTC date at which the event occurred.
PARAMETER_VALUES	varchar2(4000)	Parameter Values	☐	Parameter values.
PARTITION	varchar2(240)	Partition	☐	Specific partition on which the event was registered.
POOL_IDENTITY	varchar2(60)	Pool Identity	☐	Pool identity.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☐	Unique ID of the provider instance.
PROVIDER_NAME	varchar2	Provider	☐	Name of provider.
REFERENCE_KEY	varchar2	Reference Key	☐	Key of the referenced business object.
REFERENCE_TABLE_CODE	varchar2	Reference Table Code	☐	Table code of the referenced business object.
REQUEST_ID	varchar2(60)	Request ID	☐	Request ID.
SERVICE_NAME	varchar2	Service Name	☐	Name of service.
SERVICE_STATE	varchar2	Service State	☐	Status of service (production, acceptance, test).
SESSION_ID	varchar2(240)	Session ID	☑	ID of the session.
SHOWN_TO_USER	char	Shown to User	☑	Indicator whether event was shown to the user.
SQL_STATEMENT	varchar2	SQL Statement	☐	SQL statement.
TASK_ID	int32	Task ID	☐	Task ID.
UNIT_OF_MEASURE	varchar2	Unit of Measure	☐	Unit of Measure of value of monitoring metric.
USER_MESSAGE	varchar2	User Message	☐	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`

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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	☑	The number of the century.
DAY_DATE	date	Day Date	☑	The date of the day.
DAY_IN_MONTH	int32	Day in Month	☑	The number of the day in the month.
DAY_IN_WEEK	int32	Day in Week	☑	The number of the day in the week.
DAY_IN_YEAR_NUMBER	int32	Day in Year Number	☑	The number of the day in the year.
DAY_SINCE_19000101_NUMBER	int64	Day Number since January 1, 1900	☑	The number of days between 01/01/1900 and the day.
ERA	int32	Era	☑	The era of the century.
ID	int32	ID	☑	Unique ID of the day.
ISO_WEEK_NUMBER	int32	ISO Week Number	☑	The number of the week by ISO.
ISO_YEAR_NUMBER	int32	ISO Year Number	☑	The number of the year by ISO.
MONTH_NR_DAY1_IN_WEEK	int32	Month Number of First Day in Week	☑	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	☑	The number of the month on the seventh day in the week.
MONTH_NUMBER	int32	Month Number	☑	The number of the month.
WEEK_NUMBER	int32	Week Number	☑	The number of the week.
YEAR_NR_DAY1_IN_WEEK	int32	Year Number of Day 1 in Week	☑	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	☑	The number of the year on the seventh day in the week.
YEAR_NUMBER	int32	Year Number	☑	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: `dal`

Primary Keys: DUMMY_INT32

Label: Single Row

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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 DOUBLE are shown below. Each column has an SQL data type.

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

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DUAL: Data Dictionary Single Row

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

Catalog: DataDictionary

Schema: Invantive

Alias: `dal`

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		☐	
dummy_blob	blob	Dummy BLOB	☑	
dummy_bool_null	boolean		☐	
dummy_bool	boolean	Dummy Boolean	☑	
dummy_char_null	char		☐	
dummy_char	char		☑	
dummy_date_null	date		☐	
dummy_date	date	Dummy Date	☑	A date in UTC.
dummy_datetime_null	datetime		☐	
dummy_datetime	datetime	Dummy Date/Time	☑	A timestamp in UTC.
dummy_decimal_null	decimal		☐	
dummy_decimal	decimal	Dummy Decimal	☑	
dummy_double_above	double		☑	
dummy_double_below	double		☑	
dummy_double_null	double		☐	
dummy_double	double	Dummy Double	☑	
dummy_float_null	float		☐	
dummy_float	float	Dummy Float	☑	
dummy_guid_null	varchar2		☐	
dummy_guid	varchar2	Dummy GUID	☑	
dummy_int16_null	number		☐	
dummy_int16	int16	Dummy Integer (16-bits)	☑	
dummy_int32_null	number		☐	
dummy_int32	int32	Dummy Integer (32-bits)	☑	
dummy_int64_null	number		☐	

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Name	Data Type	Label	Required	Documentation
dummy_int64	int64	Dummy Integer (64-bits)	☑	
dummy_string_int64	varchar2(20)		☐	
dummy_string_null	varchar2(1)		☐	
dummy_string	varchar2(1)	Dummy String	☑	
dummy_uint16	uint16	Dummy uint16	☑	
dummy_uint32	uint32	Dummy uint32	☑	
dummy_uint64	uint64	Dummy uint64	☑	

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	☑	A timestamp in UTC.
dummy_decimal	decimal	Dummy Decimal	☑	
dummy_double	double	Dummy Double	☑	
dummy_guid	varchar2	Dummy GUID	☑	
dummy_int32	number	Dummy Integer (32-bits)	☑	
dummy_int64	number	Dummy Integer (64-bits)	☑	
dummy_string	varchar2(30)	Dummy String	☑	

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,

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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		☐		OBSOLETE. Value of Accept HTTP request header.
basicAuthenticationPassw ord		☐		Passw ord for basic HTTP authentication.
basicAuthenticationUser		☐		User for basic HTTP authentication.
binaryPayload		☐		Binary payload to send along. Overruled by text payload w hen both present.
cacheKey		☐		Value to make the memory and/or disk cache location unique for your type of request.
contentType		☐		Value of Content-Type HTTP request header.
cookies		☐		Cookie name and values encoded as an URL query.
diskCache		☐		Use HTTP disk cache.
diskCacheMaxAgeSec		☐		The maximum age of a HTTP disk cache entry to be valid.
headers		☐		HTTP request header key/value pairs encoded as an URL query.
ignoreInvalidCertificate		☐		Ignore w eb certificate errors. Defaults to false.
ignoreWebError		☐		Ignore w eb errors. Defaults to false.
method		☐	GET	Method.
minimumDurationMs		☐		Extend the execution of the HTTP dow nload to take at least this many milliseconds.
postSleepMs		☐		Post-execution delay in milliseconds.

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Name	Data Type	Required	Default Value	Documentation
preSleepMs		☐		Pre-execution delay in milli-seconds.
textPayload		☐		Text payload to send along. Overrules binary payload w hen both present.
timeoutMs		☐	30000	Timeout in milliseconds.
url		☑		URL to dow nload.
userAgent		☐		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	☑	
CACHE_CONTROL	varchar2	Cache Control	☐	
CERTIFICATE_DATE_NOT_AFTER	date	Certificate not After	☐	
CERTIFICATE_DATE_NOT_BEFORE	date	Certificate not Before	☐	
CERTIFICATE_ISSUER	varchar2	Certificate Issuer	☐	
CERTIFICATE_SERIAL_NUMBER	varchar2	Certificate Serial Num-ber	☐	
CERTIFICATE_SIGNATURE_ALGOR ITHM	varchar2	Certificate Signature Algorithm	☐	
CERTIFICATE_SUBJECT	varchar2	Certificate Subject	☐	
CONTENT_DISPOSITION	varchar2	Content Disposition	☐	
CONTENTS_BLOB	blob	Binary Contents	☐	
CONTENTS_CHAR	clob	Character Contents	☐	
DATE_RETRIEVAL_UTC	datetime	Retrieval Date (UTC)	☑	
DEPTH	int32	Depth	☑	
ERROR_MESSAGE_CODE	varchar2	Error Code	☐	
ERROR_MESSAGE_TEXT	varchar2	Error Text	☐	
ETAG	varchar2	ETag	☐	
EXPIRES	datetime	Expires	☐	
HOST_ON_HSTS_PRELOAD_LIST	boolean	Host on HSTS Preload List	☐	
HTTP_STATUS_CODE	int32	HTTP Status Code	☐	
INCLUDE_INVANTIVE_SOURCE_HE ADERS	boolean	Include Invantive Source Headers	☑	
LAST_MODIFIED	datetime	Last Modified	☐	
MANAGED_THREAD_ID	int32	Managed Thread ID	☐	Managed thread ID.
MAX_AUTOMATIC_REDIRECTIONS	int32	Maximum Number of Automatic Redirec-tions	☑	

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

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Name	Data Type	Label	Required	Documentation
RESPONSE_HEADER_X_CONTENT_TYPE_OPTIONS	varchar2	Content Type Options (extension)	☐	
RESPONSE_HEADER_X_FRAME_OPTIONS	varchar2	Frame Options (extension)	☐	
RESPONSE_HEADER_X_POWERED_BY	varchar2	Powered by (extension)	☐	
RESPONSE_HEADER_X_ROBOTS_TAG	varchar2	Robots Tag (extension)	☐	
RESPONSE_HEADER_X_XSS_PROTECTION	varchar2	XSS Protection (extension)	☐	
RETRIEVAL_DURATION_MS	int64	Retrieval Duration (ms)	☑	
RETRIEVAL_SUCCESSFUL	boolean	Retrieval is Successful	☑	
RETURNED_URL	varchar2	Returned URL	☐	
SOURCE	varchar2	Data Source	☐	
TASK_ID	int32	Task ID	☐	Task ID.
UID	guid	UID	☑	
URL	varchar2	URL	☐	
USER_AGENT	varchar2	HTTP User Agent	☐	

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	☐	
DISCARD	boolean	Discard	☑	
DOMAIN	varchar2	Domain	☐	
DOWNLOAD_UID	guid	UID	☑	
DOWNLOAD_URL	varchar2	URL	☐	
EXPIRED	boolean	Expired	☑	

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Name	Data Type	Label	Required	Documentation
EXPIRES	datetime	Expires	☐	
HTTP_ONLY	boolean	HTTP Only	☑	
NAME	varchar2	Name	☑	
PATH	varchar2	Path	☐	
SECURE	boolean	Secure	☑	
TIMESTAMP	datetime	Timestamp	☑	
VALUE	varchar2	Value	☐	
VERSION	int32	Version	☐	

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	☑	
CACHE_CONTROL	varchar2	Cache Control	☐	
CERTIFICATE_DATE_NOT_AFTER	date	Certificate not After	☐	
CERTIFICATE_DATE_NOT_BEFORE	date	Certificate not Before	☐	
CERTIFICATE_ISSUER	varchar2	Certificate Issuer	☐	
CERTIFICATE_SERIAL_NUMBER	varchar2	Certificate Serial Number	☐	
CERTIFICATE_SIGNATURE_ALGORITHM	varchar2	Certificate Signature Algorithm	☐	
CERTIFICATE_SUBJECT	varchar2	Certificate Subject	☐	
CONTENT_DISPOSITION	varchar2	Content Disposition	☐	
DATE_RETRIEVAL_UTC	datetime	Retrieval Date (UTC)	☑	
DEPTH	int32	Depth	☑	
ERROR_MESSAGE_CODE	varchar2	Error Code	☐	
ERROR_MESSAGE_TEXT	varchar2	Error Text	☐	
ETAG	varchar2	ETag	☐	

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

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

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-

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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	☑		
max_tests	number	☑		
sample_size	number	☑		

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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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	Succesful		Indicator whether the I/O completed successfully.

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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	☑		Number of values to generate.
first	number	☐	1	First value in the range to generate.
intervalMs	number	☐	0	Interval in milliseconds between individual rows.
postDelayMs	number	☐	0	Delay in milliseconds after the last row.
preDelayMs	number	☐	0	Delay in milliseconds before the first row.
randomBlobSize	number	☐	0	Size of the random blob in bytes.
stepSize	number	☐	1	Step size between two generated values.

Columns of Table Function

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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)	☑	System time at which the row was generated.
random_blob	blob	Random BLOB	☐	BLOB with random contents.
value	int64	Value	☑	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	☑	Action, being either 'READ' or 'WRITE'.
BILLING_ID	varchar2	Billing ID	☐	ID for billing.
BILLING_POOL_IDENTITY_ID	varchar2	Billing Pool Identity ID	☐	Pool identity ID for billing.
BILLING_REFERENCE	varchar2	Billing Reference	☐	Reference for billing, such as your cost centers.
BYTES_RECEIVED	int64	Bytes Received	☑	Number of bytes received.
BYTES_SENT	int64	Bytes Sent	☑	Number of bytes sent.
CACHE_ID	varchar2(1024)	Cache ID	☐	Cache ID.
CALL_SAFE_NAME	varchar2	Call Safe Name	☐	Call safe name of the object.
CLIENT_ID	varchar2(240)	Client ID	☐	Client ID.
DATA_CONTAINER_ALIAS	varchar2(240)	Data Container Alias	☐	Alias of the data container.
DATA_CONTAINER_ID	varchar2	Data Container ID	☑	ID of the data container.
DURATION_CPU_MS	int32	CPU Duration	☑	CPU duration in milliseconds of the I/O.
DURATION_IO_MS	int32	I/O Duration	☑	I/O duration in milliseconds of the I/O.
DURATION_MS	int32	Duration	☑	Duration in milliseconds of the I/O.

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

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Name	Data Type	Label	Required	Documentation
REMOTE_CORRELATION_IDS	varchar2(1024)	Remote Correlation IDs	☐	Remote correlation IDs as a comma-separated list of key, colon, space and value.
REQUEST_ID	varchar2(60)	Request ID	☐	Request ID.
ROUND_TRIPS	int32	Round Trips	☑	Number of round trips.
ROW_COUNT	int64	Rows	☐	Number of rows exchanged.
SESSION_ID	varchar2(240)	Session ID	☑	ID of the session.
STATEMENT_ID	guid	SQL Statement ID	☐	ID of the SQL statement.
SUCCESSFUL	char	Succesful	☑	Indicator whether the I/O completed successfully.
TASK_ID	int32	Task ID	☐	Task ID.
UID	guid	UID	☑	Unique ID of the property.
URL	varchar2	URL	☐	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 which the change was 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 which the change was executed.

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Name	Data Type	Label	Required	Documentation
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.
SQL_REVERT	varchar2	SQL Revert		SQL statement to revert all columns changed.
SUCCESSFUL	char	Succesful		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.

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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)	☐	Maximum duration in ticks of the anonymization (10,000 ticks is 1 ms).
DURATION_MIN_TICKS	int64	Minimum Duration (ticks)	☐	Minimum duration in ticks of the anonymization (10,000 ticks is 1 ms).
DURATION_TOTAL_TICKS	int64	Total Duration (ticks)	☑	Total duration in ticks of the anonymization (10,000 ticks is 1 ms).
NUMBER_OF_ANONYMIZATIONS	int32	Number of Anonymizations	☑	Number of anonymizations.
NUMBER_OF_MAPPINGS	int32	Number of Mappings	☑	Number of mappings.
NUMBER_OF_RETRIES	int32	Number of Retries	☑	Number of retries during generation of anonymous value since the generated value was already used.
TYPE	varchar2	Data Type	☑	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	☐	Anonymized value belonging 1:1 to original value in this map.
CODE	varchar2	Code	☑	Code of the anonymization map.
DESCRIPTION	varchar2	Description	☑	Description of the anonymization map.
DURATION_MAX_TICKS	int64	Maximum Duration (ticks)	☐	Maximum duration in ticks of the anonymization (10,000 ticks is 1 ms).
DURATION_MIN_TICKS	int64	Minimum Duration (ticks)	☐	Minimum duration in ticks of the anonymization (10,000 ticks is 1

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Name	Data Type	Label	Required	Documentation
				ms).
DURATION_TOTAL_TICKS	int64	Total Duration (ticks)	☑	Total duration in ticks of the anonymization (10,000 ticks is 1 ms).
NUMBER_OF_ANONYMIZATIONS	int32	Number of Anonymizations	☑	Number of anonymizations.
NUMBER_OF_MAPPINGS	int32	Number of Mappings	☑	Number of mappings.
NUMBER_OF_RETRIES	int32	Number of Retries	☑	Number of retries during generation of anonymous value since the generated value was already used.
ORIGINAL_VALUE	varchar2	Original Value	☐	Original value (represented as string).
TYPE	varchar2	Data Type	☑	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	☑	Code of the anonymization map.
DESCRIPTION	varchar2	Description	☑	Description of the anonymization map.
TYPE	varchar2	Data Type	☑	Data type.

SYSTEMCATALOGS: Data Dictionary Catalogs

Catalogs per active data container.

Catalog: DataDictionary

Schema: Invantive

Alias: `ctg`

Label: Catalogs

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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 w here the tables are contained in.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider in-stance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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	☐	Calling code.
DIALING_PLAN_PREFIX	varchar2(30)	Dialing Plan Prefix	☐	Dialing plan prefix.
IBAN_ACCOUNT_LENGTH	uint16	IBAN Account Length	☐	Length of the IBAN-accounts.
IS_EU_MEMBER	boolean	Is EU Member	☑	Whether the country is a member state of the European Union.
IS_SEPA_MEMBER	boolean	Is SEPA Member	☑	Whether the country is a member state of the Single European Payment Area (SEPA).

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

SYSTEMDATABASES: Data Dictionary Databases

Database information.

Catalog: DataDictionary

Schema: Invantive

Alias: `dbe`

Label: Databases

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 SYSTEMDATABASES are shown below. Each column has an SQL data type.

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

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

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 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.

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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 Connecton 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 w indow .
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	☑	Code of the attribute.
DEFAULT_VALUE	varchar2(4000)	Default Value	☐	Default value of the property.
DESCRIPTION	varchar2(4000)	Description	☑	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.
OBSOLETED	char	Obsoleted		Whether the attribute is obsoleted.
ORIGIN	varchar2(4000)	Origin	☑	Origin of the current value of the property.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.
VALUE	varchar2(4000)	Value	☐	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`

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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	☑	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	☑	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)	☐	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(1000000)	HTTP Request Body	☐	HTTP request body.
HTTP_RESPONSE_BODY_BINARY	blob	HTTP Response Body (Binary)	☐	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)	☑	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(1000000)	HTTP Response Body	☑	HTTP response body.
HTTP_RESPONSE_HEADERS	varchar2(16000)	HTTP Response Headers	☐	HTTP response headers.

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

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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	☐	Alias of the data container.
DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
IS_DEFAULT_FLAG	char	Is Default?	☑	Is the default provider?
NAME	varchar2(240)	Name	☑	Name of the property.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☐	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☐	Name of the provider.
VALUE	varchar2(64000)	Value	☐	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.

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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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.
RESERVED_WORD	varchar2(240)	Reserved Word	☑	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	☐	Alias of the data container.
ID	varchar2(4000)	ID	☐	Data container ID.
IS_DEFAULT_FLAG	char	Is Default?	☑	Is the default provider?
IS_SERVICE_PROVIDER_FLAG	char	Is Service Provider?	☑	Is the provider a service provider?
PARTITIONS_COUNT	int32	Number of Partitions	☐	Number of partitions.
PARTITIONS_SELECTED_COUNT	int32	Number of Selected Partitions	☐	Number of selected partitions.
PROVIDER_DATABASE_POOL_DESCRIPTION	varchar2(240)	Provider Database Pool Description	☐	Pool description of the database.
PROVIDER_DATABASE_PRICING_TIER	varchar2(240)	Provider Database Pricing Tier	☐	Pricing tier of the database.

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

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

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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	☐	Code of the rate limiter.
DURATION_PERIOD_MS	int64	Duration Period (ms)	☑	Duration of period in ms after w hich the slot use recycles.
LABEL	varchar2(240)	Label	☐	Label of the rate limiter.
LAST_CONTEXT	varchar2	Last Context	☐	Last context.
LAST_HIT_SLOT0_UTC	datetime	Last Hit of Slot 0	☐	Time of last registration on first slot (UTC).
LAST_SLEEP_CONTEXT	varchar2	Last Sleep Context	☐	Context of last sleep.
LAST_SLEEP_DURATION_MS	int64	Last Sleep Duration (ms)	☐	Last sleep duration in ms.
LAST_SLEEP_START_UTC	datetime	Last Sleep Start	☐	Start time of last sleep (UTC).
NUMBER_OF_FIRST_FREE_SLOT	int64	Number of Slots in Period	☑	Number of slots per period.
NUMBER_OF_SLOTS_IN_PERIOD	int64	Number of Slots in Period	☐	Number of slots per period.
PREVIOUS_HIT_SLOT0_UTC	datetime	Previous Hit of Slot 0	☐	Time of previous registration on first slot (UTC).
PREVIOUS_SLEEP_CONTEXT	varchar2	Previous Sleep Con-text	☐	Context of previous sleep.
PREVIOUS_SLEEP_DURATION_MS	int64	Previous Sleep Dura-tion (ms)	☐	Previous sleep duration in ms.
PREVIOUS_SLEEP_START_UTC	datetime	Previous Sleep Start	☐	Start time of previous sleep (UTC).
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider in-stance.

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Name	Data Type	Label	Required	Documentation
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Short name.
SLOT_HIT_COUNT	int64	Number of Hits	☑	Number of slot hits registered.
TOTAL_SLEEP_COUNT	int32	Number of Sleeps	☑	Number of sleeps.
TOTAL_SLEEP_DURATION_MS	int64	Sleep Duration (ms)	☑	Total sleep duration in ms.
TYPE	varchar2(240)	Type	☑	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	☐	Code of the rate limiter.
DURATION_PERIOD_MS	int64	Duration Period (ms)	☑	Duration of period in ms after which the slot use recycles.
LABEL	varchar2(240)	Label	☐	Label of the rate limiter.
LAST_CONTEXT	varchar2	Last Context	☐	Last context.
LAST_SLOT_REGISTRATION_UTC	datetime	Last Slot Registration	☐	Last registration on slot (UTC).
NUMBER_OF_FIRST_FREE_SLOT	int64	Number of Slots in Period	☑	Number of slots per period.
NUMBER_OF_SLOTS_IN_PERIOD	int64	Number of Slots in Period	☐	Number of slots per period.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Short name.

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Name	Data Type	Label	Required	Documentation
SLOT_NUMBER	int64	Slot Number	☑	Number of slot.
TYPE	varchar2(240)	Type	☑	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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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.

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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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.
RESOURCE_CODE	varchar2(240)	Resource Code	☐	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.

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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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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

Invantive SQL functions and whether they are licensed for use.

Catalog: DataDictionary

Schema: Invantive

Alias: `ftn`

Label: System 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 SYSTEMFUNCTIONS are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
FUNCTION_CODE	varchar2(240)	Function Code	☑	Code of function.
IS_LICENSED_FOR_EDIT	char	Licensed for Edit	☑	Indicator whether the function is licensed for edits.
IS_LICENSED	char	Licensed	☑	Indicator whether the function is licensed.

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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	☑	Whether the user interface is available in this language.
ISO_CODE	varchar2(2)	ISO Code	☑	ISO 639-1 code.
NAME_I18N	varchar2(60)	Name	☑	Translated name of the language.
RESOURCE_CODE	varchar2(60)	Resource Code	☑	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	☑	Code.
CRYPTO_LICENSE_FEATURE	int32		☐	CryptoLicensing feature.
CRYPTO_LICENSING_USE_ALLOWED	char		☐	Is use allowed based on CryptoLicensing?
DESCRIPTION	varchar2(240)	Description	☐	Description.
ICON_URL	varchar2(240)	Icon (URL)	☐	Icon (URL).

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Name	Data Type	Label	Required	Documentation
INVANTIVE_LICENSE_USE_ALLOWED	char		☐	Is use allowed based on Invantive License Service?
LABEL_FIXED	varchar2(240)		☐	Label (fixed).
LABEL_I18N	varchar2(240)		☐	Label (I18N).
MODULE_TYPE	varchar2(240)		☐	Module type.
PRODUCT_CODE	varchar2(60)	Product Code	☐	Product code at Invantive Estate.
UNIT_ID	int32		☐	Unit ID.
UNIT_SERIAL_NUMBER	varchar2(240)		☐	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	☐	Alias of the provider.
CLIENT_ID	varchar2(240)	Client ID	☐	OAuth client ID.
NAME	varchar2(240)	Name	☑	Name of the license property.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☐	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☐	Name of the provider.
REDIRECT_URL	varchar2(4000)		☐	OAuth redirect URL.
VALUE	varchar2(131072)	Value	☐	Current value of the license property.

SYSTEMLOCKS: Data Dictionary Locks

Locks.

Catalog: DataDictionary

Schema: Invantive

Alias: `lck`

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

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

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Name	Data Type	Label	Required	Documentation
STYLE	varchar(60)	Style	☑	Style.
TABLE_NAME	varchar2	Table Name	☐	Name of the table that created the lock.
TIMEOUT_COUNT	int64	Timeout Count	☑	Number of timeouts.
TYPE	varchar2(30)	Type	☐	Type of lock. One of: SEMAPHORE or RWLOCK.
UID	guid	UID	☑	Unique ID.
WAIT_AVERAGE_DURATION_MS	number	Average Wait Duration (ms)	☑	Average duration of wait (ms)).
WAIT_STDDEV_DURATION_MS	number	Standard Deviation Wait Duration (ms)	☑	Standard deviation duration of wait (ms)).
WAITS_COMPLETED	int64	Waits Completed	☑	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	☑	Level.
QUANTITY	int64	Quantity		Number of occurrences.
TIMESTAMP	varchar2(240)	Timestamp	☑	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.

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

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Name	Data Type	Label	Required	Documentation
SIZE_CHARACTERS	int64	Characters	☐	Size in characters.
TABLE_NAME	varchar2	Table Name	☐	Name of the table.
TYPE	varchar2(30)	Type	☑	Type.
UID	guid	UID	☑	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	☑	Action.
CREATE_BILLING_ID	varchar2	Billing ID	☐	ID for billing.
CREATE_CALL_SAFE_NAME_OVERRULE	varchar2	Call Safe Name Overrule	☐	Overruled name of the table.
CREATE_CALLING_PROVIDER_ALIAS	varchar2(240)	Calling Provider Alias	☐	Calling provider alias.
CREATE_CATALOG_NAME	varchar2	Catalog Name	☐	Name of the catalog.
CREATE_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
CREATE_DATE_DO_NOT_REMOVE_BEFORE	datetime	Do Not Remove Before	☐	Time before which not to remove.
CREATE_DATE_REGISTERED	datetime	Registered	☑	Time of registration.
CREATE_EXCEPTION_CODE	varchar2	Exception Code	☐	Exception code.
CREATE_EXCEPTION_TEXT	varchar2	Text	☐	Exception text.
CREATE_EXECUTION_STEP_ID	int64	SQL Execution Step ID		ID of the SQL execution step.
CREATE_GUI_ACTION	varchar2(240)	GUI Action	☐	Action performed within the user interface.
CREATE_GUI_IP_ADDRESS_EXTERNAL	varchar2(240)	GUI External IP Address	☐	External IP address of the GUI application.
CREATE_GUI_IP_PORT	uint16	GUI External IP Port	☐	External IP port of the GUI application.
CREATE_GUI_MACHINE	varchar2(240)	GUI Machine	☐	Name of the machine running the GUI application.

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

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

SYSTEMOAUTHFLOWEVENTS

OAuth flow events.

Catalog: DataDictionary

Schema: Invantive

Alias: `oft`

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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	☐	Alias of the data container.
DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
DESCRIPTION	varchar2(4000)	Description	☐	Description.
EVENT_URL	varchar2	URL		URL involved.
ID	int64	ID		Unique ID of the column.
MESSAGE_CODE	varchar2	Message Code	☐	Message code for the event.
OCCURRENCE_DATE_UTC	datetime	Occurrence Date (UTC)	☑	UTC date at which the event occurred.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☐	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☐	Name of the provider.
TOKEN_EXPIRY_DATE_UTC	datetime		☐	
UID	guid	UID	☑	

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.

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

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Name	Data Type	Label	Required	Documentation
FUNCTION_DOCUMENTATION	varchar2(16000)	Function Documentation	☐	Function documentation.
FUNCTION_NAME	varchar2(240)	Function Name	☑	Function name.
PACKAGE_DESCRIPTION	varchar2(4000)	Package Description	☑	Package description.
PACKAGE_DOCUMENTATION	varchar2(16000)	Package Documentation	☐	Package documentation.
PACKAGE_NAME	varchar2(240)	Package Name	☑	Package name.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☐	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☐	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	☑	Package description.
PACKAGE_DOCUMENTATION	varchar2(16000)	Package Documentation	☐	Package documentation.
PACKAGE_NAME	varchar2(240)	Package Name	☑	Package name.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☐	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☐	Name of the provider.

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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	☑	Whether the partition allows writes.
CODE	varchar2(240)	Code	☑	Unique code of the partition.
COMPANY_ADDRESS	varchar2(4000)	Company Address	☐	Address of the company of the partition.
COMPANY_CITY	varchar2(4000)	Company City	☐	City of the company of the partition.
COMPANY_COC_NUMBER	varchar2(4000)	Company Chamber of Commerce Number	☐	Chamber of Commerce number of the company of the partition.
COMPANY_COUNTRY	varchar2(4000)	Company Country	☐	Country of the company of the partition.
COMPANY_EMAIL_ADDRESS	varchar2(4000)	Company Email Address	☐	Email address of the company of the partition.
COMPANY_IBAN_NUMBER	varchar2(4000)	Company IBAN Number	☐	IBAN number of the company of the partition.
COMPANY_NAME	varchar2(4000)	Company Name	☐	Name of the company of the partition.
COMPANY_PHONE	varchar2(4000)	Company Phone	☐	Phone of the company of the partition.
COMPANY_POSTAL_CODE	varchar2(4000)	Company ZIP Code	☐	ZIP-code of the company of the partition.
COMPANY_RSIN_NUMBER	varchar2(4000)	Company RSIN Number	☐	RSIN number of the company of the partition.
COMPANY_SERVER_MOVE_DATE_UTC	datetime	Company Server Move Date (UTC)	☐	Last server move date of the company.
COMPANY_STATE	varchar2(4000)	Company State	☐	State of the company of the partition.
COMPANY_TWITTER_ACCOUNT	varchar2(4000)	Company Twitter Account	☐	Twitter account of the company of the partition.
COMPANY_VAT_NUMBER	varchar2(4000)	Company VAT Number	☐	VAT number of the company of the partition.
COMPANY_WAGE_TAX_NUMBER	varchar2(4000)	Company Wage Tax Number	☐	Wage tax number of the company of the partition.

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

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

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

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Name	Data Type	Label	Required	Documentation
SUBSCRIPTION_HOLDER_VAT_NUMBER	varchar2(4000)	Company VAT Number	☐	VAT number of the subscription holder of the partition.
SUBSCRIPTION_HOLDER_WEB_SITE	varchar2(4000)	Company Website	☐	Website of the subscription holder of the partition.
UPDATE_COUNT	int64	Update Count	☐	
UPDATE_WITH_CHANGE_COUNT	int64	Update with Change Count	☐	

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)	☐	Last server move date of the company.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.
PTN_ALLOW_WRITE	char	Partition Allow Write	☑	Whether the partition allows writes.
PTN_CODE	varchar2(240)	Partition Code	☑	Unique code of the partition.
PTN_COMPANY_ADDRESS	varchar2(4000)	Partition Company Address	☐	Address of the company of the partition.
PTN_COMPANY_CITY	varchar2(4000)	Partition Company City	☐	City of the company of the partition.
PTN_COMPANY_COC_NUMBER	varchar2(4000)	Partition Company CoC Number	☐	Chamber of Commerce number of the company of the partition.

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Name	Data Type	Label	Required	Documentation
PTN_COMPANY_COUNTRY	varchar2(4000)	Partition Company Country	☐	Country of the company of the partition.
PTN_COMPANY_EMAIL_ADDRESS	varchar2(4000)	Partition Company Email Address	☐	Email address of the company of the partition.
PTN_COMPANY_IBAN_NUMBER	varchar2(4000)	Company IBAN Number	☐	IBAN number of the company of the partition.
PTN_COMPANY_NAME	varchar2(4000)	Partition Company Name	☐	Name of the company of the partition.
PTN_COMPANY_PHONE	varchar2(4000)	Partition Company Phone	☐	Phone of the company of the partition.
PTN_COMPANY_POSTAL_CODE	varchar2(4000)	Partition Company ZIP Code	☐	ZIP-code of the company of the partition.
PTN_COMPANY_RSIN_NUMBER	varchar2(4000)	Company RSIN Number	☐	RSIN number of the company of the partition.
PTN_COMPANY_STATE	varchar2(4000)	Partition Company State	☐	State of the company of the partition.
PTN_COMPANY_TWITTER_ACCOUNT	varchar2(4000)	Partition Company Twitter Account	☐	Twitter account of the company of the partition.
PTN_COMPANY_VAT_NUMBER	varchar2(4000)	Partition Company VAT Number	☐	VAT number of the company of the partition.
PTN_COMPANY_WAGE_TAX_NUMBER	varchar2(4000)	Partition Company Wage Tax Number	☐	Wage tax number of the company of the partition.
PTN_COMPANY_WEB_SITE	varchar2(4000)	Partition Company Web Site	☐	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	☐	Description.
PTN_FIRST_USE_UTC	datetime	Partition First Use		When the partition has been used first in this session (UTC).
PTN_INSTANCE_UID	guid		☑	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	☑	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	☑	Label for use in lists.
PTN_MASTER_ROLL_UP	varchar2(4000)	Partition Master Roll-up	☐	Master roll-up.
PTN_MODIFIED_UTC	datetime	Partition Modified		When the partition was last modified (UTC).
PTN_NAME	varchar2(4000)	Partition Name	☐	Name.
PTN_ROLL_UP	varchar2(4000)	Partition Roll-up	☐	Roll-up.
PTN_SELECTED_LAST_MODIFIED_UTC	datetime		☑	When the partition selection was last modified (UTC).

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Name	Data Type	Label	Required	Documentation
PTN_SELECTED_LAST_SET_UTC	datetime		☐	When the partition selection w as last set (UTC).
PTN_SELECTED_LAST_UNSET_UTC	datetime		☐	When the partition selection w as last unset (UTC).
PTN_SHORT_NAME	varchar2(4000)	Partition Short Name	☐	Short name.
STC_CODE	varchar2(240)	Code	☑	Unique code of the partition statistic.
STC_CREATION_DATE_UTC	datetime	Creation Date	☐	Date at w hich the entry w as originally created (UTC).
STC_DESCRIPTION	varchar2(240)	Description	☐	Description of the partition statistic.
STC_IS_STANDARD	char	Is Standard?	☑	Is the statistic a standard statistic?
STC_REDUCED_ACCURACY_VALUE	varchar2(240)	Reduced Accuracy Value	☐	Reduced accuracy value of the partition statistic.
STC_TYPE	varchar2(240)	Value Type	☑	Type of value of the partition statistic.
STC_VALUE	varchar2(240)	Value	☐	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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.

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Name	Data Type	Label	Required	Documentation
PTN_ALLOW_WRITE	char	Partition Allow Write	☑	Whether the partition allows writes.
PTN_CODE	varchar2(240)	Partition Code	☑	Unique code of the partition.
PTN_COMPANY_ADDRESS	varchar2(4000)	Partition Company Address	☐	Address of the company of the partition.
PTN_COMPANY_CITY	varchar2(4000)	Partition Company City	☐	City of the company of the partition.
PTN_COMPANY_COC_NUMBER	varchar2(4000)	Partition Company CoC Number	☐	Chamber of Commerce number of the company of the partition.
PTN_COMPANY_COUNTRY	varchar2(4000)	Partition Company Country	☐	Country of the company of the partition.
PTN_COMPANY_EMAIL_ADDRESS	varchar2(4000)	Partition Company Email Address	☐	Email address of the company of the partition.
PTN_COMPANY_IBAN_NUMBER	varchar2(4000)	Company IBAN Number	☐	IBAN number of the company of the partition.
PTN_COMPANY_NAME	varchar2(4000)	Partition Company Name	☐	Name of the company of the partition.
PTN_COMPANY_PHONE	varchar2(4000)	Partition Company Phone	☐	Phone of the company of the partition.
PTN_COMPANY_POSTAL_CODE	varchar2(4000)	Partition Company ZIP Code	☐	ZIP-code of the company of the partition.
PTN_COMPANY_RSIN_NUMBER	varchar2(4000)	Company RSIN Number	☐	RSIN number of the company of the partition.
PTN_COMPANY_SERVER_MOVE_DATE_UTC	datetime	Company Server Move Date (UTC)	☐	Last server move date of the company.
PTN_COMPANY_STATE	varchar2(4000)	Partition Company State	☐	State of the company of the partition.
PTN_COMPANY_TWITTER_ACCOUNT	varchar2(4000)	Partition Company Twitter Account	☐	Twitter account of the company of the partition.
PTN_COMPANY_VAT_NUMBER	varchar2(4000)	Partition Company VAT Number	☐	VAT number of the company of the partition.
PTN_COMPANY_WAGE_TAX_NUMBER	varchar2(4000)	Partition Company Wage Tax Number	☐	Wage tax number of the company of the partition.
PTN_COMPANY_WEB_SITE	varchar2(4000)	Partition Company Web Site	☐	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	☐	Description.
PTN_FIRST_USE_UTC	datetime	Partition First Use		When the partition has been used first in this session (UTC).
PTN_INSTANCE_UID	guid		☑	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	☑	Whether the partition is currently selected.
PTN_IS_USED	char	Partition Used		Whether the partition has been used in this session.

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Name	Data Type	Label	Required	Documentation
PTN_LABEL	varchar2(4000)	Partition Label	☑	Label for use in lists.
PTN_MASTER_ROLL_UP	varchar2(4000)	Partition Master Roll-up	☐	Master roll-up.
PTN_MODIFIED_UTC	datetime	Partition Modified		When the partition was last modified (UTC).
PTN_NAME	varchar2(4000)	Partition Name	☐	Name.
PTN_ROLL_UP	varchar2(4000)	Partition Roll-up	☐	Roll-up.
PTN_SELECTED_LAST_MODIFIED_UTC	datetime		☑	When the partition selection was last modified (UTC).
PTN_SELECTED_LAST_SET_UTC	datetime		☐	When the partition selection was last set (UTC).
PTN_SELECTED_LAST_UNSET_UTC	datetime		☐	When the partition selection was last unset (UTC).
PTN_SHORT_NAME	varchar2(4000)	Partition Short Name	☐	Short name.
SEQ_NR	int32	Sequences		Unique sequence number of the tag for the partition.
TAG_CODE	varchar2(240)	Code	☑	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	☐	Person that first assigned a value.
TAG_DOMAIN_CODE	varchar2(240)	Domain Code	☑	Domain of the code of the partition tag.
TAG_TYPE	varchar2(240)	Value Type	☑	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	☐	Person that last assigned a value.
TAG_VALUE	varchar2(240)	Value	☐	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

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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	☐	Internal class name.
DESCRIPTION	varchar2(4000)	Description	☐	Description.
NAME	varchar2(240)	Name	☑	Name of the property.
VALUE	varchar2(4000)	Value	☐	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		Whether to allow displaying the value.
ALLOW_SET_FROM_CONNECTION_STRING	char	Allow Set from Connecton 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 w indow .
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.
CATEGORY	varchar2(4000)	Category	☐	Category of the attribute.
CODE	varchar2(240)	Code	☑	Code of the attribute.
DEFAULT_VALUE	varchar2(4000)	Default Value	☐	Default value of the property.
DEFINING_TYPE_ASSEMBLY_QUALIFIED_NAME	varchar2(240)	Defining Type Assembly Qualified Name	☐	Assembly qualified name of the defining type.
DEFINING_TYPE_NAME	varchar2(240)	Defining Type Name	☐	Name of the defining type.

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

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

SYSTEMPROVIDERS: Data Dictionary Providers

All registered and licensed providers available in Invantive SQL.

Catalog: DataDictionary

Schema: Invantive

Alias: `pvr`

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	☑	Abbreviation.
CLIENT_ID	varchar2(240)	Client ID	☐	OAuth client ID.
COMMERCIAL_NAME_SHORT_ALTERNATVIES	varchar2(240)	Alternative Short Commercial Names	☐	Alternative short commercial names.

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

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

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Name	Data Type	Label	Required	Documentation
SHORT_NAME	varchar2(240)	Short Name	☑	Short name.
SLOTBASED_RATE_LIMIT_LENGTH_MS	int64	Slot-based Rate Limit Length (ms)	☑	Length in ms of a slot-based rate limit.
SLOTBASED_RATE_LIMIT_SLOTS	int32	Slot-based Rate Limit Slots	☐	Number of slots of a slot-based rate limit, null means no limit.
SQL_PREFIX_PARAMETER	varchar2(30)	SQL Prefix Parameter	☐	SQL parameter prefix.
STRING_COMPARISON_IS_CASE_SENSITIVE	char	String Comparison is Case-Sensitive	☑	Whether the connector matches string case-sensitive.
SUPPORTS_COLUMN_FILTERING	char	Supports Column Filtering	☑	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	☑	Whether the platform supports native scalar requests.
SUPPORTS_NATIVE_SQL	char	Supports Native SQL	☑	Whether the platform supports native SQL.
SUPPORTS_ORDERING	char	Supports Ordering	☑	Whether the connector supports ordering.
SUPPORTS_SIMPLE_FILTER_DELETE	char	Supports Simple Filter Delete	☑	Whether the connector supports delete using simple filters.
SUPPORTS_SIMPLE_FILTER_UPDATE	char	Supports Simple Filter Update	☑	Whether the connector supports update using simple filters.
TAGS	varchar2(240)	Tags	☐	Comma-separated list of tags.
TECHNICAL_DOCUMENTATION_URL	varchar2(4000)	Technical Documentation (URL)	☐	Technical documentation URL.
TECHNICAL_SUPPORT_DISCORD_COMMUNITY	varchar2(60)		☐	Technical support discourse community.
TECHNICAL_SUPPORT_EMAIL_ADDRESS	varchar2(60)		☐	Technical support email address.
TECHNICAL_SUPPORT_PHONE_NUMBER	varchar2(60)		☐	Technical support phone number.
TECHNICAL_SUPPORT_URL	varchar2(240)		☐	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

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

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

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

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

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Name	Data Type	Label	Required	Documentation
SUPPORTS_NATIVE_SCALAR_REQUESTS	char	Supports Native Scalar Requests	☑	Whether the platform supports native scalar requests.
SUPPORTS_NATIVE_SQL	char	Supports Native SQL	☑	Whether the platform supports native SQL.
SUPPORTS_ORDERING	char	Supports Ordering	☑	Whether the provider supports ordering.
SUPPORTS_SIMPLE_FILTER_DELETE	char	Supports Simple Filter Delete	☑	Whether the provider supports delete using simple filters.
SUPPORTS_SIMPLE_FILTER_UPDATE	char	Supports Simple Filter Update	☑	Whether the provider supports update using simple filters.
TECHNICAL_DOCUMENTATION_URL	varchar2(4000)	Technical Documentation (URL)	☐	Technical documentation URL.
TECHNICAL_SUPPORT_DISCORD_COMMUNITY	varchar2(60)		☐	Technical support discourse community.
TECHNICAL_SUPPORT_EMAIL_ADDRESS	varchar2(60)		☐	Technical support email address.
TECHNICAL_SUPPORT_PHONE_NUMBER	varchar2(60)		☐	Technical support phone number.
TECHNICAL_SUPPORT_URL	varchar2(240)		☐	Technical support URL.
TRY_ORDER	number	Try Order	☑	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	☑	Is application software offered for free?
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.

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

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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	☑	Level.
MESSAGE_CODE	varchar2(60)	Message Code	☐	Message code.
MESSAGE_TEXT	varchar2	Message Text	☐	Text.
MESSAGE_UID	guid	Message UID	☑	Specific UID for easy recognition.
POOL_IDENTITY	varchar2(60)	Pool Identity	☐	Pool identity.
REQUEST_ID	varchar2(240)	Request ID	☐	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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.

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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	☑	Number of executions.
FINGER_PRINT	varchar2(240)	Finger Print	☑	Unique finger print
FIRST_END_TIME	datetime	First End Time	☑	Time at which the SQL was first executed (UTC).
FIRST_START_TIME	datetime	First Start Time	☑	Time at which the SQL was first executed (UTC).
ID	guid	ID	☑	Unique ID.
LAST_END_TIME	datetime	Last End Time	☑	Time at which the SQL was last executed (UTC).
LAST_START_TIME	datetime	Last Start Time	☑	Time at which the SQL was last executed (UTC).
MANAGED_THREAD_ID	int32	Managed Thread ID	☐	Managed thread ID.
NUMBER_OF_FIELDS	int32	Number of Fields	☑	Number of fields in the result set.
NUMBER_OF_MANAGED_THREADS	int32	Number of Managed Threads	☑	Number of managed threads.
NUMBER_OF_REQUESTS	int32	Number of Requests	☑	Number of requests.
NUMBER_OF_TASKS	int32	Number of Tasks	☑	Number of tasks.
PARAMETER_VALUES	varchar2(4000)	Parameter Values	☐	Parameter values.
REQUEST_ID	varchar2(60)	Request ID	☐	Request ID.
ROW_COUNT	int64	Rows	☑	Number of rows retrieved.
SQL_STATEMENT	varchar2	SQL Statement	☑	SQL statement.
TASK_ID	int32	Task ID	☐	Task ID.

SYSTEMSQLEXECUTIONS: Data Dictionary SQL Executions

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

Catalog: DataDictionary

Schema: Invantive

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Alias: `saa`

Label: SQL Executions

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 SYSTEMSQLEXECUTIONS are shown below. Each column has an SQL data type.

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

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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	☑	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	☐	Code of the message to indicate the origin.
PARTITION	varchar2(30)	Partition	☐	Specific partition on which the sleep was executed.
START_TIME_UTC	datetime	Start Time	☑	Time at which the sleep was started (UTC).
STATEMENT_ID	uuid	SQL Statement ID		ID of the SQL statement.
TABLE_NAME	varchar2	Table Name	☐	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

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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 SYSTEMSQLEXECUTIONSTEPS are shown below. Each column has an SQL data type.

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

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

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Name	Data Type	Label	Required	Documentation
TOTAL_API_ROWS_FROM_MEMORY_CACHE	int64		☑	Total API Rows From Memory Cache
TOTAL_SHARED_OBJECTS_BYTES_ADD_COUNT	int64		☑	Total Shared Objects Bytes Add Count
TOTAL_SHARED_OBJECTS_BYTES_ADD_LENGTH	int64		☑	Total Shared Objects Bytes Add Length
TOTAL_SHARED_OBJECTS_BYTES_ALREADY_SHARED_COUNT	int64		☑	Total Shared Objects Bytes Already Shared Count
TOTAL_SHARED_OBJECTS_BYTES_ALREADY_SHARED_LENGTH	int64		☑	Total Shared Objects Bytes Already Shared Length
TOTAL_SHARED_OBJECTS_BYTES_REUSE_COUNT	int64		☑	Total Shared Objects Bytes Reuse Count
TOTAL_SHARED_OBJECTS_BYTES_REUSE_LENGTH	int64		☑	Total Shared Objects Bytes Reuse Length
TOTAL_SHARED_OBJECTS_STRING_ADD_COUNT	int64		☑	Total Shared Objects String Add Count
TOTAL_SHARED_OBJECTS_STRING_ADD_LENGTH	int64		☑	Total Shared Objects String Add Length
TOTAL_SHARED_OBJECTS_STRING_ALREADY_SHARED_COUNT	int64		☑	Total Shared Objects String Already Shared Count
TOTAL_SHARED_OBJECTS_STRING_ALREADY_SHARED_LENGTH	int64		☑	Total Shared Objects String Already Shared Length
TOTAL_SHARED_OBJECTS_STRING_REUSE_COUNT	int64		☑	Total Shared Objects String Reuse Count
TOTAL_SHARED_OBJECTS_STRING_REUSE_LENGTH	int64		☑	Total Shared Objects String Reuse Length

SYSTEMSQLPRECOMPILEDEXPRESSIONS: 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 SYSTEMSQLPRECOMPILEDEXPRESSIONS are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
CACHE_KEY	varchar2(240)	Cache Key	☑	Unique cache key.
EXPRESSION	varchar2	Expression	☐	Debug view.
FIRST_SOURCE_CODE	varchar2	First Source Code	☐	First source code.

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Name	Data Type	Label	Required	Documentation
ID	int64	ID	☑	Unique ID of the precompiled expression.
INITIAL_REGISTRATION	datetime	Initial Registration	☑	Initial registration.
LAST_USAGE	datetime	Last Usage	☑	Last time used.
USAGE_COUNTER	int32	Usage Counter	☑	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	☐	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	☐	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	☐	Whether the column can be filtered on server-side using any search term.
CAN_FILTER_SERVER_SIDE_CONTAINERS	char	Can Filter Server-side Contains	☐	Whether the column can be filtered on server-side using contains text.
CAN_FILTER_SERVER_SIDE_EQUALS	char	Can Filter Server-side Equals	☐	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	☐	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	☐	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	☐	Whether the column can be filtered on server-side using less than or equal.

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Name	Data Type	Label	Required	Documentation
CAN_FILTER_SERVER_SIDE_LESS_THAN	char	Can Filter Server-side Less than	☐	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	☐	Whether the column can be filtered on server-side using not equals.
CAN_FILTER_SERVER_SIDE	char	Can Filter Server-side	☑	Whether the column can be filtered on server-side.
CAN_SCAN_SERVER_SIDE	char	Can Scan Server-side	☐	Whether the column can be scanned on server-side for search terms.
CAN_SORTER_SERVER_SIDE	char	Can Sort Server-side	☐	Whether the column can be sorted on server-side.
CHECK_SPELLING	char	Check Spelling	☑	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	☑	Whether the column contains a derived value (calculated using an expression).
DISPLAY_CONTROL	varchar2(240)	Display Control	☐	Display control for displaying the column's contents.
DISPLAY_IN_FILTER	char	Display in Filter	☑	Whether the column should be included in a search window.
DISPLAY_IN_LOV	char	Display in LOV	☑	Whether the column should be included in a pick list.
DISPLAY_IN_RECORD	char	Display in Record	☑	Whether the column should be included in a single record view.
DISPLAY_IN_RESULTS	char	Display in Results	☑	Whether the column should be included in a multiple records view.
DISPLAY_LENGTH_AVERAGE	int32	Display Length (Average)	☐	Average length in characters of the contents of the column.
DISPLAY_LENGTH_SD	int32	Display Length (SD)	☐	Standard deviation in characters of the contents of the column.
DISPLAY_ORDER	int32	Display Order	☐	Relative position in which the column should be displayed compared to other columns.
DOCUMENTATION	varchar2(4000)	Documentation	☐	Documentation.
DOTNET_DATA_TYPE	varchar2(240)	.NET Data Type		Data type for .NET.
EXAMPLE	varchar2(4000)	Example	☐	Example.
FETCH_BY_DEFAULT	char	Fetch by Default	☑	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.

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Name	Data Type	Label	Required	Documentation
INFLUENCES_INSERT	char	Influences Insert	☑	Whether the column's value has an impact on the database's contents.
LABEL_HEADING	varchar2(240)	Label Heading	☐	Optional heading label to be show n before the column's normal label.
LABEL_PLURAL_COMPOSED	varchar2(4000)	Label Plural Composed	☐	Translatable label composed of the prefix and the plural label.
LABEL_PLURAL_POSTFIX	varchar2(240)	Label Plural Postfix	☐	Translatable label postfix in plural.
LABEL_PLURAL_PREFIX	varchar2(240)	Label Plural Prefix	☐	Translatable label prefix in plural.
LABEL_PLURAL	varchar2(4000)	Label Plural	☐	Translatable label in plural.
LABEL_SINGULAR_COMPOSED	varchar2(4000)	Label Singular Composed	☐	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	☐	Translatable label postfix in singular.
LABEL_SINGULAR_PREFIX	varchar2(240)	Label Singular Prefix	☐	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	☑	Which side padding has to be applied if the minimum length is not met.
MINIMUM_LENGTH	int32	Minimum Length	☑	Minimum required length for a text field.
MOST_UNQUALIFIED_NAME	varchar2(240)	Most Unqualified Name	☑	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	☑	Numeric ID of the column.
PRECISION	int16	Precision		Precision.
PROVIDER_DATA_CONTAINER_ALIAS	varchar2(4000)	Data Container Alias	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	Provider short name.
SCALE	int16	Scale		Scale.
SOURCE_ADDITIONAL_INFO_1	varchar2(4000)	Source Additional Information 1		Additional information, no predefined structure.

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Name	Data Type	Label	Required	Documentation
SOURCE_ADDITIONAL_INFO_2	varchar2(4000)	Source Additional Information 2		Additional information, no predefined structure.
SOURCE_ADDITIONAL_INFO_3	varchar2(4000)	Source Additional Information 3		Additional information, no predefined 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).

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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	☑	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`

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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	☐	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	☐	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	☐	Whether the value is completed by Invantive after processing.
PRECISION	int64	Precision		Precision.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	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.

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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.

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Name	Data Type	Label	Required	Documentation
DATA_FORMAT	varchar2(60)	Data Format	☐	Data format.
DATABASE_DATA_TYPE	varchar2	Database Data Type		Data type in the database.
DEFAULT_VALUE	varchar2	Default Value	☐	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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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.

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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	☐	Alias of the data container.
DATABASE_DATA_TYPE	varchar2	Database Data Type		Data type in the database.
DEFAULT_VALUE	varchar2	Default Value	☐	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	☑	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

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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	□	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	□	EDI: master class name.
EDI_PATH_FROM_MASTER	varchar2(240)	EDI Path from Master	□	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.

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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 Row 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	☐	OData: base path.
ODATA_FIELD_SELECTION_METHOD	varchar2(240)	OData Field Selection Method	☐	OData: field selection method.
ODATA_METADATA_URL	varchar2(4000)	OData Metadata URL	☐	OData: URL for retrieving metadata.
ODATA_SERVER_SIDE_FILTERS	varchar2	OData Server-side Filters	☐	OData: text representation of server-side filters.
ODATA_SERVICE_URL_FOR_DELETE	varchar2(4000)	OData Service URL for Delete	☐	OData: service URL for deleting data.
ODATA_SERVICE_URL_FOR_INSERT	varchar2(4000)	OData Service URL for Insert	☐	OData: service URL for inserting data.
ODATA_SERVICE_URL_FOR_SELECT	varchar2(4000)	OData Service URL for Select	☐	OData: service URL for retrieving data.
ODATA_SERVICE_URL_FOR_UPDATE	varchar2(4000)	OData Service URL for Update	☐	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	☐	Data container alias.
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.

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Name	Data Type	Label	Required	Documentation
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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	☐	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	☐	SWAGGER: content type.
SWAGGER_DELETE_OPERATION	varchar2(240)	Swagger Delete Operation	☐	SWAGGER: delete operation.
SWAGGER_INSERT_OPERATION	varchar2(240)	Swagger Insert Operation	☐	SWAGGER: insert operation.
SWAGGER_PRE_MAPPING_TABLE_NAME	varchar2(240)	Swagger Pre Mapping Table Name	☐	SWAGGER: pre-mapping table name.
SWAGGER_RESPONSE_SCHEMA	varchar2(240)	Swagger Response Schema	☐	SWAGGER: response schema.
SWAGGER_SELECT_OPERATION	varchar2(240)	Swagger Select Operation	☐	SWAGGER: select operation.
SWAGGER_UPDATE_OPERATION	varchar2(240)	Swagger Update Operation	☐	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	☐	Key column on webhook messages.
WEBHOOK_TOPIC	varchar2(4000)	Topic	☐	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	☐	XML: XPath expression which forms the root containing all rows.

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Name	Data Type	Label	Required	Documentation
XML_DEFAULT_NAMESPACE_PREFIX	varchar2(240)	Default Namespace Prefix	☐	XML: default namespace prefix.
XML_NAMED_COMPLEX_TYPE	varchar2(240)	Named Complex Type	☐	XML: name of the complex type.
XML_SERVER_SIDE_FILTERS	varchar2	Server-side Filters	☐	XML: text representation of server-side filters.
XML_SERVICE_URL	varchar2(240)	Service URL	☐	XML: Service URL.
XML_TOPIC	varchar2(240)	Topic	☐	XML: topic or action as known on the remote server. Defaults to Name when not set.
XML_XPATH	varchar2(240)	XPath	☐	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	☑	Abbreviation.
COUNTRY_CODE	varchar2(2)	Country Code	☑	ISO country code.
DST	boolean	Daylight Saving Time	☑	Has DST.
END_DATE	datetime	End Date	☐	End time (exclusive).
GMT_OFFSET	int32	GMT Offset	☑	GMT offset.
NAME	varchar2(30)	Name	☑	Name in English.
START_DATE	datetime	Start Date	☑	Start time.

SYSTEMTRANSLATIONS: Data Dictionary Translations

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

Catalog: DataDictionary

Schema: Invantive

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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
INITIAL_TRANSLATION	varchar2(4000)	Initial Translation	☐	Initial translation of the resource code.
LANGUAGE_CODE	varchar2(240)	Language Code	☑	Language code.
RESOURCE_CODE	varchar2(240)	Resource Code	☑	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	varchar2(240)	Code	☐	Code.
COMPANY_ADDRESS_LINE_1	varchar2(240)	User Company Address Line 1	☐	Address line 1 of the company of the user.
COMPANY_ADDRESS_LINE_2	varchar2(240)	User Company Address Line 2	☐	Address line 2 of the company of the user.
COMPANY_ADDRESS_LINE_3	varchar2(240)	User Company Address Line 2	☐	Address line 3 of the company of the user.
COMPANY_BIC	varchar2(240)	Company BIC	☐	BIC of company of user.
COMPANY_CITY	varchar2(240)	Company City	☐	City of the company of the user.
COMPANY_COC_NUMBER	varchar2(240)	Company Chamber of Commerce Number	☐	CoC number of the company of the user.
COMPANY_DATE_ESTABLISHED	date	User Company Established	☐	Date established of the company of the user.

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

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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	☑	Name in English.
OFFSET_MIN	uint16	Offset (minutes)	☑	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	☐	Data container alias.

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Name	Data Type	Label	Required	Documentation
PROVIDER_DATA_CONTAINER_ID	varchar2(4000)	Data Container ID	☐	Data container ID.
PROVIDER_DESCRIPTION	varchar2(16000)	Provider Description	☑	Provider description.
PROVIDER_INSTANCE_UID	guid	Provider Instance UID	☑	Unique ID of the provider instance.
PROVIDER_NAME	varchar2(240)	Provider Name	☑	Name of the provider.
PROVIDER_SHORT_NAME	varchar2(240)	Provider Short Name	☑	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 predefined behaviour. Values can be specified by position and by name. In both cases, all parameters not specified will be evaluated using their default values.

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

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

Name	Data Type	Required	Default Value	Documentation
Category		☐		Category.
IncludeOtherLanguages		☐		Include other tips in other languages than the preferred and fallback language.

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Name	Data Type	Required	Default Value	Documentation
MessageCode		☑		Message code to search.
PreferredLanguageCode		☐		Preferred language code.
SortingOrder		☐		Sorting order, such as 'views' or 'created'.
Tags		☐		List of tags, separated by a comma (',').
UltimateFallbackLanguageCode		☐		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	☐	
HasAnswer	boolean	Has Answer	☑	
InteractionCount	int32	Interaction Count	☑	
IsQuestion	boolean	Is Boolean	☑	
LanguageCode	varchar2(2)	Language Code	☑	
ModifiedUtc	datetime	Modified	☐	
ReadMoreUrl	varchar2	URL	☐	
Tags	varchar2	Tags	☐	
Title	varchar2(240)	Title	☑	

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.

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Name	Data Type	Label	Required	Documentation
ACTION1_TEXT	varchar2(4000)	Action 1 Text	☐	Action 1 text.
ACTION1_URL	varchar2(4000)	Action 1 URL	☐	Action 1 URL.
FATAL_FLAG	boolean	Fatal	☑	Whether the message should cause an exit of the app.
ID	number	ID	☐	Unique ID.
INSTANTIATED_UTC	datetime	Instantiated	☑	Moment at which the message was registered on local device (UTC).
LABEL	varchar2(240)	Label	☐	Unique label.
LEVEL	varchar2(240)	Level	☑	Level.
MAX_NUMBER_OF_SHOWS	int32	Maximum Number of Shows	☐	Maximum number of shows of the message.
MESSAGE_CODE	varchar2(60)	Message Code	☐	Message code.
TEXT	varchar2(4000)	Message Text	☐	Text.
TIME_BETWEEN_SHOWS_SEC	int32	Time between Shows (sec)	☐	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	☐	Current User Interface language code.
LAST_LOG_ON_DATE	datetime	Last Log On Date	☐	Date at which the last log on occurred.
USER_EMAIL_ADDRESS	varchar2(240)	User Email Address	☐	User email address.
USER_LOG_ON_CODE	varchar2(240)	User Log On Code	☐	User log on code.
USER_NAME	varchar2(240)	User Name	☐	User name.

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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	☑	Number of the day.
description	varchar2(240)	Description	☑	

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)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	Generated value.

Test0Rows1000Sec

Catalog: DataDictionary

Schema: Views

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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)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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)	☑	System time at w hich the row

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Name	Data Type	Label	Required	Documentation
				w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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 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 Test1000000Rows1000Mb1000Sec are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_generated_utc	datetime	Date Generated (UTC)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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 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 Test1000000Rows1000Mb1Sec are shown below. Each column has an SQL data type.

Name	Data Type	Label	Required	Documentation
date_generated_utc	datetime	Date Generated (UTC)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	Generated value.

Test10000Rows100Mb100Sec

Catalog: DataDictionary

Schema: Views

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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)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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)	☑	System time at w hich the row

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Name	Data Type	Label	Required	Documentation
				w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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)	☑	System time at w hich the row w as generated.
random_blob	blob	Random BLOB	☐	BLOB w ith random contents.
value	int64	Value	☑	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.

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Invantive B.V.
Biesteweg 11
3849 RD Hierden
the Netherlands

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

IBAN NL25 BUNQ 2098 2586 07
Chamber of Industry and Commerce
13031406
VAT NL812602377B01
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