

CAST System Views - Dashboard Service



This method of extracting information is deprecated. You should now use the [CAST RestAPI](#) to extract the information you require.

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This document provides a detailed description of each CAST System View provided in the Dashboard Service (all tables/views beginning with CSV_) together with column information. Depending on your specific configuration, some tables/views may not be available.

Choose the item you would like to know more about from the menu above.

Tables

To extract the following information you can use this query in a Microsoft SQL Server environment:

```
SELECT
A.TABLE_NAME,
B.COLUMN_NAME,
B.DATA_TYPE,
B.CHARACTER_MAXIMUM_LENGTH

FROM
INFORMATION_SCHEMA.TABLES A,
INFORMATION_SCHEMA.COLUMNS B

WHERE
A.TABLE_NAME LIKE 'CSV_%'
AND A.TABLE_NAME = B.TABLE_NAME
AND A.TABLE_TYPE = 'BASE TABLE'

ORDER BY TABLE_NAME
```

CSV_PARAM

Reference table for labels used in the CSV_ views

Column Name	Label	Column Type
PARAM_TYPE	Type of the label	varchar(10)
ID	Numeric value used as ID (join on DSS_METRIC_RESULTS.METRIC_NUM_VALUE)	int(null)
LIB	Label of the status	varchar(250)

Views

To extract the following information you can use this query in a Microsoft SQL Server environment:

```
SELECT
A.TABLE_NAME ,
B.COLUMN_NAME ,
B.DATA_TYPE ,
B.CHARACTER_MAXIMUM_LENGTH

FROM
INFORMATION_SCHEMA.VIEWS A ,
INFORMATION_SCHEMA.COLUMNS B

WHERE
A.TABLE_NAME LIKE 'CSV_%'
AND A.TABLE_NAME = B.TABLE_NAME

ORDER BY TABLE_NAME
```

CSV_BCRIT_STATUS

Provides access to statuses for all contexts and all Business Criteria (both Health Factors and Rule Compliance)

Column Name	Label	Column Type
CRITERION_ID	ID number of the criterion	int(null)
CRITERION_NAME	Name of the criterion	varchar(255)
CRITERION_STATUS	Current status of the criterion (Low, Moderate, High, Very High Risk)	varchar(250)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_BCRIT_VALUES

Provides access to grades for all contexts and all Business Criteria (both Health Factors and Rule Compliances)

Column Name	Label	Column Type
CRITERION_ID	ID number of the criterion	int(null)
CRITERION_NAME	Name of the criterion	varchar(255)
CRITERION_GRADE	Current grade (1-to-4 decimal grade) of the criterion as determined by the snapshot generation process	float(null)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_DIAGDETAILS

Provides access to Quality Rule based Metric details, i.e., defect lists with associated values

Column Name	Label	Column Type
DIAG_ID	CAST Quality Rule ID number	int(null)
DIAG_NAME	CAST Quality Rule name	varchar(255)
OBJECT_ID	ID number of the object as assigned in the Analysis Service	int(null)
OBJECT_NAME	Name of the object as stored in the Analysis Service	varchar(1000)
DIAG_VALUE	CAST Quality Rule optional numerical value (cf. description)	float(null)
DIAG_OBJ	CAST Quality Rule optional reference to a participating object (cf. description)	int(null)
DIAG_TEXT	CAST Quality Rule optional text value (cf. description)	varchar(1000)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_DISTDETAILS

Provides access to Distribution-based Metric details, i.e., Category lists with associated values

Column Name	Label	Column Type
DIST_ID	CAST distribution ID number	int(null)
DIST_NAME	CAST distribution name	varchar(255)
CAT_ID	CAST category ID number	int(null)
CAT_NAME	CAST category name	varchar(255)
OBJECT_ID	ID number of the object as assigned in the Dashboard Service	int(null)
OBJECT_NAME	Name of the object as stored in the Dashboard Service	varchar(1000)
DIST_VALUE	CAST distribution value	float(null)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_EXCEPTIONS

Provides access to the list of excluded objects for all Quality Rule- and Distribution-based Metrics

Column Name	Label	Column Type
DIAG_ID	CAST Quality Rule ID number	int(null)
DIAG_NAME	CAST Quality Rule name	varchar(255)
OBJECT_ID	ID number of the application/module as assigned in the Dashboard Service	int(null)

OBJECT_NAME	Name of the application/module as stored in the Dashboard Service	varchar(255)
OBJECT_TYPE	Object type as assigned in the Dashboard Service	int(null)

CSV_MEASDETAILS

Provides access to Measure-based Metric details, i.e., measured values on Modules

Column Name	Label	Column Type
MEASURE_ID	CAST metric ID number	int(null)
MEASURE_NAME	CAST metric name	varchar(255)
MEAS_VALUE	CAST measure value (cf. metric description)	float(null)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_METRIC_STATUS

Provides access to statuses for all Quality Rule-, Distribution- and Measure-based Metrics

Column Name	Label	Column Type
METRIC_ID	CAST metric ID number	int(null)
METRIC_NAME	CAST metric name	varchar(255)
METRIC_STATUS	Current status of the metric (Low, Moderate, High, Very High Risk)	varchar(250)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_METRIC_VALUES

Provides access to grades for all Quality Rule-, Distribution- and Measure-based Metrics

Column Name	Label	Column Type
METRIC_ID	CAST metric ID number	int(null)
METRIC_NAME	CAST metric name	varchar(255)
METRIC_GRADE	Current grade of the metric as determined by the snapshot generation process	float(null)
SNAPSHOT_ID	ID number assigned to the snapshot	int(null)
SNAPSHOT_NAME	Name assigned to the snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)

CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_OBJ_MAPPING

Provides access to object ID mapping between Dashboard and Analysis Services

Column Name	Label	Column Type
FULL_NAME	Full name of object as stored in the Dashboard Service	varchar(1000)
LOCAL_OBJECT_ID	ID number assigned to the object in the Analysis Service	int(null)
LOCAL_SITE_NAME	Name assigned to the Analysis Service in the Dashboard Service	varchar(255)
LOCAL_SITE_ID	ID number assigned to the Analysis Service in the Dashboard Service and the Analysis Service	int(null)
CENTRAL_OBJECT_ID	ID number assigned to the object in the Dashboard Service	int(null)

CSV_OBJECTS_STATUSES

Provides information about the status of an object in the Dashboard Service schema:

- Name
- Module Name and ID the object belongs to
- Snapshot Name and ID the object belongs to
- Information about the previous snapshot ID and Name the object may be present in
- The Status of an object in the current snapshot
- Whether the object is considered to be an artifact or not
- Information about Cost Complexity and the Technology ID the object is classed as

Column Name	Label	Column Type	Notes
OBJECT_ID	ID of object as stored in the Dashboard Service	int NULL	
OBJECT_NAME	Name of the object as stored in the Dashboard Service	varchar 1000	
MODULE_ID	ID number of the module the object belongs to	int NULL	
MODULE_NAME	Name number of the module the object belongs to	varchar 255	
SNAPSHOT_ID	ID number of the current snapshot the object belongs to	int NULL	In CAST AIP 8.3.3 , the column SNAPSHOT_ID has been added to correct the typographical error on the existing column name SNAPHOT_ID. The column SNAPHOT_ID will be deprecated in a future release: please update any scripts or queries that use the column SNAPHOT_ID.
SNAPSHOT_ID	ID number of the current snapshot the object belongs to	int NULL	
SNAPSHOT_NAME	Name of the current snapshot the object belongs to	varchar 255	
PREVIOUS_SNAPSHOT_ID	ID number of the previous snapshot the object belonged to (-1 if not)	int NULL	
PREVIOUS_SNAPSHOT_NAME	Name of the previous snapshot the object belonged to	varchar 255	
OBJECT_STATUS	Status of the object in the current snapshot: <ul style="list-style-type: none"> • Added • Deleted • Updated • Unchanged 	varchar 9	

OBJECT_I S_ARTIFA CT	Whether the object is considered to be an artifact or not	varchar 15	
OBJECT_C OST_COM PLEXITY	-	float NULL	
OBEJCT_T ECHNO_T YPE_ID	ID of the Technology the object is classed as	int NULL	In CAST AIP 8.3.3 , the column OBJECT_TECHNO_TYPE_ID has been added to correct the typographical error on the existing column name OBEJCT_TECHNO_TYPE_ID. The column OBEJCT_TECHNO_TYPE_ID will be deprecated in a future release: please update any scripts or queries that use the column OBEJCT_TECHNO_TYPE_ID.
OBJECT_T ECHNO_T YPE_ID	ID of the Technology the object is classed as	int NULL	

CSV_ORG_TREE

Provides a description of the Organization Tree (if uploaded) - see [Background Facts and Business Value Metric upload](#).

Column Name	Label	Column Type
ORG_ID	ID number of the organization	int(null)
ORG_NAME	Name of the organization	varchar(255)
TEAM_ID	ID number of the team	int(null)
TEAM_NAME	Name of the team	varchar(255)
DEV_ID	ID number of the developer	int(null)
DEV_NAME	Name of the developer	varchar(255)
MODULE_ID	ID number of the module	int(null)
MODULE_NAME	Name of the module	varchar(255)
SNAPSHOT_ID	ID number of the Snapshot	int(null)
SNAPSHOT_NAME	Name of the Snapshot	varchar(255)

CSV_PORTF_TREE

Provides a description of the Portfolio Tree (System, Application, Module, Snapshot)

Column Name	Label	Column Type
SYST_ID	ID number of the system	int(null)
SYST_NAME	Name of the system	varchar(255)
APP_ID	ID number of the application	int(null)
APP_NAME	Name of the application	varchar(255)
MODULE_ID	ID number of the module	int(null)
MODULE_NAME	Name of the module	varchar(255)
SNAPSHOT_ID	ID number of the Snapshot	int(null)
SNAPSHOT_NAME	Name of the Snapshot	varchar(255)
SNAPSHOT_DATE	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_QUALITY_TREE

Provides a description of the Quality Rules in the Assessment Model in hierarchical form

Column Name	Label	Column Type
B_CRITERION_ID	Business criterion ID	int(null)
B_CRITERION_NAME	Business criterion name	varchar(255)

T_CRITERION_ID	Technical criterion ID	int(null)
T_CRITERION_NAME	Technical criterion name	varchar(255)
T_WEIGHT	Technical weight	float(null)
METRIC_ID	Metric ID	int(null)
METRIC_NAME	Metric name	varchar(255)
M_WEIGHT	Metric weight	float(null)
T_CRIT	Critical contribution of Technical Criterion: 1=true, 0=false	int(null)
M_CRIT	Critical contribution of Quality Rule, Distribution, Measure: 1=true, 0=false	int(null)

CSV_QUANTITY_TREE

Provides a description of the quantity metrics in the Assessment Model

Column Name	Label	Column Type
FOLDER_NAME	Name of the quantity folder	varchar(255)
FOLDER_ID	ID of the quantity folder	int(null)
METRIC_NAME	Metric name	varchar(255)
METRIC_ID	Metric ID	int(null)

CSV_QUANTITY_VAL

Provides access to quantity values for all quantity metrics

Column Name	Label	Column Type
MEASURE_ID	CAST metric ID number	int(null)
MEASURE_NAME	CAST metric name	varchar(255)
MEAS_VALUE	CAST measure value (cf. metric description)	float(null)
SNAPSHOT_ID	ID number of the Snapshot	int(null)
SNAPSHOT_NAME	Name of the Snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(1000)

CSV_TCRIT_STATUS

Provides access to statuses for all contexts and all Technical Criteria

Column Name	Label	Column Type
CRITERION_ID	ID number of the criterion	int(null)
CRITERION_NAME	Name of the criterion	varchar(255)
CRITERION_STATUS	Current status of the criterion (Low, Moderate, High, Very High Risk)	varchar(250)
SNAPSHOT_ID	ID number of the Snapshot	int(null)
SNAPSHOT_NAME	Name of the Snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)

CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_NAME	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_TCRIT_VALUES

Provides access to grades for all contexts and all Technical Criteria

Column Name	Label	Column Type
CRITERION_ID	ID number of the criterion	int(null)
CRITERION_NAME	Name of the criterion	varchar(255)
CRITERION_GRADE	Current grade of the criterion as determined by the snapshot generation process	float(null)
SNAPSHOT_ID	ID number of the Snapshot	int(null)
SNAPSHOT_NAME	Name of the Snapshot	varchar(255)
CONTEXT_ID	The id of the context you're looking at (the id of the module, the application, the system, the team, the developer)	int(null)
CONTEXT_NAME	The name of the context you're looking at (the id of the module, the application, the system, the team, the developer)	varchar(255)
SNAPSHOT_NAME	Snapshot generation date in the format MM/DD/YYYY	datetime(null)

CSV_VIOLATION_STATUSES

Provides information about the status of a violation in the Dashboard Service schema:

- Name
- Module Name and ID the object belongs to
- Snapshot Name and ID the object belongs to
- Information about the previous snapshot ID and Name the object may be present in
- The Status of an object in the current snapshot
- Whether the object is considered to be an artifact or not
- Information about Cost Complexity and the Technology ID the object is classed as

Column Name	Label	Column Type	Notes
DIAG_ID	ID number of the rule that has been violated	int NULL	
DIAG_NAME	Name of the rule that has been violated	varchar 255	
OBJECT_ID	ID number of the object that is violating the rule	int NULL	
OBJECT_NAME	Name of the object that is violating the rule	varchar 1000	
SNAPSHOT_ID	ID number of the current snapshot which the object belongs to	int NULL	In CAST AIP 8.3.3 , the column SNAPSHOT_ID has been added to correct the typographical error on the existing column name SNAPHOT_ID. The column SNAPHOT_ID will be deprecated in a future release: please update any scripts or queries that use the column SNAPHOT_ID.
SNAPSHOT_ID	ID number of the current snapshot which the object belongs to	int NULL	
SNAPSHOT_NAME	Name of the current snapshot which the object belongs to	varchar 255	
VIOLATION_STATUS	Status of the violation in the current snapshot: <ul style="list-style-type: none"> • Added • Deleted • Updated • Unchanged 	varchar 9	