

DSS_ tables - Dashboard Service



This documentation is no longer maintained and may contain obsolete information.

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This document provides a detailed description of each DSS_ table provided in the Dashboard Service 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.

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 'DSS_%'
AND A.TABLE_NAME = B.TABLE_NAME
AND A.TABLE_TYPE = 'BASE TABLE'

ORDER BY TABLE_NAME

```

DSS_CENTRAL_SELECTION

This table stores modules which are selected for computation:

APPLICATION_ID	int	NULL	Module's parent application ID
COMPUTE_NOW	int	NULL	<ul style="list-style-type: none"> • 0: not to compute • 1: to compute
MODULE_ID	int	NULL	Module ID
SNAPSHOT_ID	int	NULL	Module's parent snapshot ID

DSS_CONFIG_EXPORT

OBJECT_ID	int	NULL	Object ID
OBJECT_INDEX	int	NULL	Object index

DSS_DATE_SNAPSHOT

This table stores date information about snapshots that have been generated

APPLICATION_ID	int	NULL	Constituent application ID
FUNCTIONAL_DATE	datetime	NULL	Snapshot generation date in the form MM/DD/YYYY
IS_COMPUTED	int	NULL	<ul style="list-style-type: none"> • 1: real snapshot • 0: false snapshot
SNAPSHOT_ID	int	NULL	Snapshot ID
TEXT_DATE	varchar	30	Snapshot generation date in the form YYYYMMDDHHMM

DSS_DIAGDETAILS

This table is used by the CAST Engineering Dashboard during a data computation after the finalization of snapshot for performance reasons.

This table is an extract of DSS_METRIC_RESULTS containing only pure violations. A "pure violation" is a simple violation (triplet object/quality rule/value), not an aggregate, grade or other Quality Rule.

CONTEXT_ID	int	NULL	The ID of the context you're looking at (the ID of the module)
DIAG_ID	int	NULL	CAST Quality Rule ID
DIAG_OBJ	int	NULL	CAST Quality Rule (optional) reference to a participating object (see Quality Rule description for more information)
DIAG_TEXT	varchar	1000	CAST Quality Rule (optional) text value (see Quality Rule description for more information)
DIAG_VALUE	float	NULL	CAST Quality Rule (optional) numerical value (see Quality Rule description for more information)
OBJECT_ID	int	NULL	ID number of the object as assigned in the Dashboard Service
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_FUNC_MODULE_LINKS

The table stores the functional modules and their parents:

MODULE_ID	int	NULL	Functional module ID
OBJECT_ID	int	NULL	Parent ID (object, Techno object, Organization object). The functional module is also a parent itself.
OBJECT_TYPE_ID	int	NULL	Parent type ID - see DSS_OBJECT_TYPES
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_HISTORY

Contains the trace of the procedures/Quality Rule procedures that are called during a snapshot generation process:

ACTION_DATE	datetime	NULL	This date on which the action started in the form MM/DD/YYYY
DESCRIPTION	varchar	500	The description of the action that has been carried out. For example: <i>The snapshot <SNAPSHOT_ID> is in the CAST AIP version <CAST_VERSION>. Consolidation mode is <CONSOLIDATION_MODE> for the snapshot <SNAPSHOT_ID>.</i>
HISTORY_ID	int	NULL	The order in which an action has been launched. This column was added to this table because the ACTION_DATE does not clearly highlight the exact order in which the actions are carried out.

DSS_IN_LINKS

Entry table for transfer of data from the DSS_LINKS table:

LINK_TYPE_ID	int	NULL	Link type ID. See DSS_LINK_TYPES.
NEXT_OBJECT_ID	int	NULL	ID of next object (callee)
PREVIOUS_OBJECT_ID	int	NULL	ID of previous object (caller)
SITE_ID	int	NULL	Snapshot ID

DSS_IN_METRIC_RESULTS

Entry table for transfer of data from the DSS_METRIC_RESULTS table:

METRIC_CHAR_VALUE	varchar	1000	When not null, the string result.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_NUM_VALUE	float	NULL	When not null, the numeric result.
METRIC_OBJECT_ID	int	NULL	When not null or 0, the Dashboard Service OBJECT_ID of a target.
METRIC_VALUE_INDEX	int	NULL	<ul style="list-style-type: none">• 0: grade• 1: detail• 2: total• 10: smart ranking• 11: smart ranking• -1: status 1• -2: status 2• -3: status 3• -4: status 4
OBJECT_ID	int	NULL	Object ID for the Quality Rule
SITE_ID	int	NULL	Site ID

DSS_IN_OBJECTS

Entry table for transfer of data from the DSS_OBJECTS table:

OBJECT_CHECKSUM	int	NULL	-
OBJECT_DESCRIPTION	varchar	1000	Object description
OBJECT_FULL_NAME	varchar	1000	Object full name

OBJECT_ID	int	NULL	Object ID - this ID is unique in the Dashboard Service. Use DSS_TRANSLATION_TABLE to find the ID of the Object in the Analysis Service.
OBJECT_NAME	varchar	255	Object name
OBJECT_TYPE_ID	int	NULL	Object type ID - see DSS_OBJECT_TYPES
SITE_ID	int	NULL	Site ID

DSS_LINK_INFO

This table stores links per snapshot:

LINK_TYPE_ID	int	NULL	Link type ID. See DSS_LINK_TYPES.
NEXT_OBJECT_ID	int	NULL	ID of next object (callee)
PREVIOUS_OBJECT_ID	int	NULL	ID of previous object (caller)
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_LINK_TYPES

This table stores the different types of link:

LINK_GROUP	int	NULL	Link group: <ul style="list-style-type: none"> • 0: link without Status (for link: 1,3,4) • 1 : link with status
LINK_TYPE_DESCRIPTION	varchar	1000	Link description
LINK_TYPE_ID	int	NULL	Link type ID
LINK_TYPE_NAME	varchar	255	Link name

DSS_LINKS

LINK_TYPE_ID	int	NULL	Link type ID. See DSS_LINK_TYPES.
NEXT_OBJECT_ID	int	NULL	ID of next object (callee)
PREVIOUS_OBJECT_ID	int	NULL	ID of previous object (caller)

DSS_LOCKS

This table stores DSS locks - i.e. locks are set when an item is using the Dashboard Service:

HOST_NAME	varchar	255	Host name (for information display and connection validity check) - not available on all platforms
LOCK_NAME	varchar	255	Lock type name
LOCK_TIME	datetime	NULL	Date and time when lock was set in the form MM/DD/YYYY
PROGRAM_NAME	varchar	255	Program name (for information display and connection validity check) - not available on all platforms
SESSION_ID	int	NULL	Connection ID
SESSION_ID_2	int	NULL	Connection ID 2 (for connection validity check) - not available on all platforms
USER_NAME	varchar	255	User name (for information display and connection validity check) - not available on all platforms

DSS_LOG_LINKS

Log table for saving transferred DSS_LINKS table:

LINK_TYPE_ID	int	NULL	Link type ID. See DSS_LINK_TYPES.
NEXT_OBJECT_ID	int	NULL	ID of next object (callee)
PREVIOUS_OBJECT_ID	int	NULL	ID of previous object (caller)
SITE_ID	int	NULL	Site ID
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_LOG_METRIC_RESULTS

Log table for saving transferred DSS_METRIC_RESULTS table:

METRIC_CHAR_VALUE	varchar	1000	When not null, the string result.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_NUM_VALUE	float	NULL	When not null, the numeric result.
METRIC_OBJECT_ID	int	NULL	When not null or 0, the Dashboard Service OBJECT_ID of a target.
METRIC_VALUE_INDEX	int	NULL	<ul style="list-style-type: none"> • 0: grade • 1: detail • 2: total • 10: smart ranking • 11: smart ranking • -1: status 1 • -2: status 2 • -3: status 3 • -4: status 4
OBJECT_ID	int	NULL	Object ID for the Quality Rule
SITE_ID	int	NULL	Site ID
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_LOG_METRIC_SCOPES

Log table for saving transferred DSS_METRIC_SCOPES table:

COMPUTE_VALUE	int	NULL	-
METRIC_CHAR_VALUE	varchar	1000	When not null, the string result.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_NUM_VALUE	float	NULL	When not null, the numeric result.
METRIC_OBJECT_ID	int	NULL	When not null or 0, the Dashboard Service OBJECT_ID of a target.
METRIC_PARENT_ID	int	NULL	Quality Rule parent ID
OBJECT_ID	int	NULL	Object ID used for the scope
OBJECT_PARENT_ID	int	NULL	Object parent ID used for the scope
SITE_ID	int	NULL	Site ID
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_LOG_OBJECTS

Log table for saving transferred DSS_OBJECTS table:

OBJECT_CHECKSUM	int	NULL	-
OBJECT_DESCRIPTION	varchar	1000	Object description
OBJECT_FULL_NAME	varchar	1000	Object full name
OBJECT_ID	int	NULL	Object ID - this ID is unique in the Dashboard Service. Use DSS_TRANSLATION_TABLE to find the ID of the Object in the Analysis Service.
OBJECT_NAME	varchar	255	Object name
OBJECT_TYPE_ID	int	NULL	Object type ID - see DSS_OBJECT_TYPES
SITE_ID	int	NULL	Site ID
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_METRIC_DESCRIPTIONS

This table stores the description of the Quality Rules:

DESCRIPTION_TYPE_ID	int	NULL	Description type ID <ul style="list-style-type: none"> • 0: Name • 1: Rationale • 2: Description • 3: Remediation • 4: Reference • 5: Sample • 6: Remediation sample • 7: Output • 8: Total
LANGUAGE	varchar	200	Language used for description string: <ul style="list-style-type: none"> • ENGLISH • FRENCH • GERMAN • ITALIAN
METRIC_DESCRIPTION	varchar	1500	Quality Rule description string
METRIC_ID	int	NULL	Quality Rule ID

DSS_METRIC_EXCEPTION_STATUSES

This table stores the history of exceptions encountered during the previous snapshot generation processes:

METRIC_ID	int	NULL	ID of Quality Rule in exception
OBJECT_ID	int	NULL	ID of Object in exception
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_METRIC_EXCEPTIONS

This table stores the exceptions encountered during current the snapshot generation process:

METRIC_ID	int	NULL	ID of Quality Rule in exception
OBJECT_ID	int	NULL	ID of Object in exception
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_METRIC_EXECUTION_LIST

This table contains a list of operations to execute during a snapshot generation process:

FLAT_INDEX	varchar	255	-
METRIC_CHILD_OR_VALUE	int	NULL	-
METRIC_ID	int	NULL	Quality Rule ID
METRIC_PARENT_ID	int	NULL	Quality Rule's parent ID
OPERATION_AGGREGATE	int	NULL	
OPERATION_DONE	int	NULL	<ul style="list-style-type: none"> • 0: The operation has not made yet. • 1: The operation is finished. • 2: The operation is disabled. • 999: The operation is on the way. • 888: The operation was started, but cancelled.
OPERATION_ID	int	NULL	-
OPERATION_PROCNAME	varchar	255	-
OPERATION_TYPE	int	NULL	<ul style="list-style-type: none"> • 1: scope • 2: results • 3: aggregate

DSS_METRIC_FLAT_TREE

Shows Quality Rules with Parent and Grandparent

FLAT_INDEX	varchar	255	-
FLAT_LEVEL	int	NULL	-
METRIC_GRAND_PARENT_ID	int	NULL	Quality Rule's grandparent ID
METRIC_ID	int	NULL	Quality Rule ID
METRIC_INDEX	int	NULL	
METRIC_PARENT_ID	int	NULL	Quality Rule's parent ID

DSS_METRIC_FOLDERS

Internal Table, folders to delete before importing metric tree:

FOLDER_ID	int	NULL	FOLDER_ID of the branch to delete
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DSS_METRIC_HISTO_DELTA

This table stores delta flags on metrics between all snapshots

IS_PARAM_CHANGED	int	NULL	1 if Quality Rule parameters have changed, 0 otherwise
IS_THRESHOLD_CHANGED	int	NULL	1 if grade calculation thresholds have changed, 0 otherwise
IS_TREE_CHANGED	int	NULL	1 if child tree has changed, 0 otherwise
METRIC_ID	int	NULL	Quality Rule ID for delta examination
SNAPSHOT_ID	int	NULL	Snapshot ID for which change is defined

DSS_METRIC_HISTO_PARAMS

This table contains Quality Rule parameter values for each snapshot:

METRIC_ID	int	NULL	ID of the parametrized metric
OBJECT_TYPE_ID	int	NULL	Object type ID implied for the parameter. 0 if ignored - see DSS_OBJECT_TYPES
PARAM_CHAR_VALUE	varchar	1000	When the parameter type is string, this field contains the string.
PARAM_INDEX	int	NULL	Parameter index. First parameter index is 1.
PARAM_NUM_VALUE	float	NULL	When the parameter type is numeric, this field contains the numeric value.
SNAPSHOT_ID	int	NULL	SNAPSHOT_ID when parameter value is defined

DSS_METRIC_HISTO_THRESHOLDS

This table contains the threshold of Quality Rules for each snapshot:

METRIC_ID	int	NULL	Quality Rule ID for status distribution threshold
SNAPSHOT_ID	int	NULL	Snapshot ID when threshold value is defined
STATUS	int	NULL	Status (1-4 for Quality Rules with full distributions, 0 for binary diagnostics)
THRESHOLD_1	float	NULL	Percentage threshold between grades 1 and 2
THRESHOLD_2	float	NULL	Percentage threshold between grades 2 and 3
THRESHOLD_3	float	NULL	Percentage threshold between grades 3 and 4
THRESHOLD_4	float	NULL	Percentage threshold after grade 4

DSS_METRIC_HISTO_TREE

This table contains the Assessment Model by snapshot

AGGREGATE_WEIGHT	float	53	Weight of the current Quality Rule in order to compute the parent value.
METRIC_CRITICAL	int	NULL	1 when metric is a critical contribution for its parent, 0 otherwise
METRIC_ID	int	NULL	Quality Rule ID
METRIC_INDEX	int	NULL	Quality Rule index
METRIC_PARENT_ID	int	NULL	Quality Rule's parent ID

METRIC_TYPE	int	NULL	Metric type ID
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_METRIC_PARAM_TYPES

This table lists the type of parameter for each Quality Rule:

METRIC_ID	int	NULL	Quality Rule ID
OBJECT_TYPE_ID	int	NULL	The Object type involved - because the parameter value can vary depending on the type of object. E.g. the maximum number of characters per line of code is different in Cobol than in C++ - see DSS_OBJECT_TYPES
PARAM_DESCRIPTION	varchar	1000	The parameter description, e.g.: "Maximum number of characters per line of code"
PARAM_INDEX	int	NULL	The index of parameter - the first parameter starts at 1.
PARAM_NAME	varchar	255	Parameter name, e.g.: "Maximum length"
PARAM_TYPE	int	NULL	The parameter type: <ul style="list-style-type: none"> • 0: float • 1: text • 2: integer • 100: float list • 101: text list • 102: integer list

DSS_METRIC_PARAM_VALUES

This table lists the parameter value for each Quality Rule:

METRIC_ID	int	NULL	ID of the parametrized metric
OBJECT_TYPE_ID	int	NULL	Object type ID implied for the parameter. 0 if ignored - see DSS_OBJECT_TYPES
PARAM_CHAR_VALUE	varchar	1000	When the parameter type is string, this field contains the string.
PARAM_INDEX	int	NULL	Parameter index. First parameter index is 1.
PARAM_NUM_VALUE	float	NULL	When the parameter type is numeric, this field contains the numeric value.

DSS_METRIC_RESULTS

This table stores the results of the Quality Rule calculation for a given snapshot:

METRIC_CHAR_VALUE	varchar	1000	When not null, the string result.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_NUM_VALUE	float	NULL	When not null, the numeric result.
METRIC_OBJECT_ID	int	NULL	When not null or 0, the Dashboard Service OBJECT_ID of a target.
METRIC_VALUE_INDEX	int	NULL	<ul style="list-style-type: none"> • 0: grade • 1: detail • 2: total • 10: smart ranking • 11: smart ranking • -1: status 1 • -2: status 2 • -3: status 3 • -4: status 4
OBJECT_ID	int	NULL	Object ID for the Quality Rule
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_METRIC_RUN_HISTORY

Internal Table, metrics already processed during computing:

METRIC_ID	int	NULL	Quality Rule ID of the processed scope
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METRIC_PARENT_ID	int	NULL	Quality Rule parent ID of the processed scope
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DSS_METRIC_SCOPES

This table stores objects returned by Quality Rules

COMPUTE_VALUE	int	NULL	<ul style="list-style-type: none"> 0: metric values to be computed 1: metric values already computed on central 2: metric values already computed on local
METRIC_CHAR_VALUE	varchar	1000	When not null, the string result.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_NUM_VALUE	float	NULL	When not null, the numeric result.
METRIC_OBJECT_ID	int	NULL	When not null or 0, the Dashboard Service OBJECT_ID of a target.
METRIC_PARENT_ID	int	NULL	Quality Rule parent ID
OBJECT_ID	int	NULL	Object ID used for the scope
OBJECT_PARENT_ID	int	NULL	Object parent ID used for the scope
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_METRIC_SIDE_PROCESS

This table lists treatments that occur before a snapshot or after a snapshot:

OPERATION_DESCRIPTION	varchar	1000	<ul style="list-style-type: none"> 0: Treatment before the snapshot 1: Treatment after the snapshot 2: Treatment for re-consolidation -1 : Treatment after snapshot deletion
OPERATION_ID	int	NULL	ID denoting order of execution
OPERATION_PROCNAME	varchar	255	Indicates the the name of the procedure governing the treatment
PROCESS_NAME	varchar	255	-
PROCESS_SIDE	int	NULL	-

DSS_METRIC_STATUS_THRESHOLDS

This table stores thresholds (in percentages) for calculating the grade from the distribution of statute:

METRIC_ID	int	NULL	Quality Rule ID
STATUS	int	NULL	Status (1-4 for Quality Rules with full distributions, 0 for binary diagnostics)
THRESHOLD_1	float	NULL	Percentage threshold between grades 1 and 2
THRESHOLD_2	float	NULL	Percentage threshold between grades 2 and 3
THRESHOLD_3	float	NULL	Percentage threshold between grades 3 and 4
THRESHOLD_4	float	NULL	Percentage threshold after grade 4

DSS_METRIC_TYPE_TREES

Definition of Quality Rule hierarchy:

AGGREGATE_WEIGHT	float	NULL	Weight of the current Quality Rule in order to compute the parent value.
METRIC_CRITICAL	int	NULL	1 when metric is a critical contribution for its parent.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_INDEX	int	NULL	Default execution order. If the Quality Rules are independent, all values can be set to 1.
METRIC_PARENT_ID	int	NULL	Quality Rule parent ID
METRIC_SCOPE_PROCEDURE_NAME	varchar	255	Scope procedure executed for the current (METRIC_PARENT_ID, METRIC_ID)
METRIC_SCOPE_PROCEDURE_NAME_2	varchar	255	Scope procedure executed for the current (METRIC_PARENT_ID, METRIC_ID)

DSS_METRIC_TYPE_TREES_UPGRADE

Internal table (similar to DSS_METRIC_TYPE_TREES) used during a Dashboard Service upgrade process:

AGGREGATE_WEIGHT	float	NULL	Weight of the current Quality Rule in order to compute the parent value.
METRIC_ID	int	NULL	Quality Rule ID
METRIC_INDEX	int	NULL	Default execution order. If the Quality Rules are independent, all values can be set to 1.
METRIC_PARENT_ID	int	NULL	Quality Rule parent ID
METRIC_SCOPE_PROCEDURE_NAME	varchar	255	Scope procedure executed for the current (METRIC_PARENT_ID, METRIC_ID)
METRIC_SCOPE_PROCEDURE_NAME_2	varchar	255	Scope procedure executed for the current (METRIC_PARENT_ID, METRIC_ID)

DSS_METRIC_TYPES

This table describes each Quality Rule:

METRIC_ID	int	NULL	Quality Rule ID
METRIC_NAME	varchar	255	Quality Rule name (do not use - use DSS_METRIC_DESCRIPTIONS.METRIC_DESCRIPTION with DESCRIPTION_TYPE_ID=0 and LANGUAGE="ENGLISH" instead).
METRIC_DESCRIPTION	varchar	1500	Description of Quality Rule (do not use - use DSS_METRIC_DESCRIPTIONS.METRIC_DESCRIPTION with DESCRIPTION_TYPE_ID=2 and LANGUAGE="ENGLISH" instead).
METRIC_TYPE	int	NULL	<ul style="list-style-type: none"> 0: disabled. 1: executed in central 2: executed in local 3: executed both in central and local
METRIC_GROUP	int	NULL	<ul style="list-style-type: none"> 0: quantity Quality Rule 1: Quality Rule summary 2: Quality Rule detail 3: folder 4: distribution of category 5: distribution 6: user Quality Rule 10: business criteria 13: technical criteria 15: measure based Quality Rule 999: internal (Cost Estimation) (7,8,9,11,12) not used but reserved
METRIC_DEPENDS_ON	varchar	255	List of metrics whose results are needed to compute the current Quality Rule (comma separated list of metric IDs).
METRIC_OPTIONS	int	NULL	<ul style="list-style-type: none"> 0: Unified: N/A, XXL: N/A 1: Unified: N/A, XXL: XXL 2: Unified: N/A, XXL: Non-XXL 4: Unified: Not Unified, XXL: N/A 5: Unified: Not Unified, XXL: XXL 6: Unified: Not Unified, XXL: Non-XXL 8: Unified: Unified, XXL: N/A 9: Unified: Unified, XXL: XXL 10: Unified: Unified, XXL: Non-XXL
SCOPE_ID	int	null	When not zero, displays the scope dataset id.
PROPERTY_ID	int	null	When not zero, displays the property id used to filter the scope.

DSS_METRIC_VALUE_TYPES

METRIC_AGGREGATE_OPERATOR	int	NULL	<ul style="list-style-type: none"> 0: non 1: count 2: sum 3: avg 4: min 5: max 11: count distinct
METRIC_AGGREGATE_OPERATOR_2	int	NULL	Same as above
METRIC_ID	int	NULL	Quality Rule ID

METRIC_VALUE_DESCRIPTION	varchar	1000	Description of Quality Rule value
METRIC_VALUE_INDEX	int	NULL	<ul style="list-style-type: none"> • 0: grade • 1: detail • 2: total
METRIC_VALUE_NAME	varchar	255	Quality Rule value name
METRIC_VALUE_PROCEDURE_NAME	varchar	255	Procedure used to compute the current value
METRIC_VALUE_PROCEDURE_NAME_2	varchar	255	Same as above
METRIC_VALUE_TYPE	int	NULL	0: numeric1: percentage of numeric 2: character 3: object 4: character date 5: numeric 6: non value

DSS_METRIC_WORK_EXCEPT

This table stores expanded exceptions during compute:

METRIC_ID	int	NULL	ID of Quality Rule in exception
OBJECT_ID	int	NULL	ID of object in exception

DSS_METRIC_WORK_TABLES

Internal table

TABLE_NAME	varchar	255	Name used to define the category of the current work. Several WORK_CATEGORY can use the same TABLE_NAME.ID of Quality Rule in exception.
WORK_CATEGORY	varchar	30	Work table

DSS_MODULE_LINKS

Direct links to modules in a snapshot:

MODULE_ID	int	NULL	ID of module
OBJECT_ID	int	NULL	ID of object using the module
OBJECT_TYPE_ID	int	NULL	ID type of object using the module - see DSS_OBJECT_TYPES
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_OBJECT_EXCEPTIONS

This table stores object exceptions:

FIRST_SNAPSHOT_ID	int	NULL	First snapshot ID including exception
JUSTIFY	varchar	1000	Textual justification given while setting exception
LAST_SNAPSHOT_ID	int	NULL	Last snapshot ID including exception (1,000,000,000 for infinite)
LAST_UPDATE	datetime	NULL	Date of last modification (set or reset) in the form MM/DD/YYYY
METRIC_ID	int	NULL	Quality Rule ID
OBJECT_ID	int	NULL	Object ID to ignore during Quality Rule calculation
USER_NAME	varchar	255	User who set the exception

DSS_OBJECT_INFO

This table contains for each Snapshot the list of objects and their checksum at the time of the Snapshot (objects belonging to group 8 are not stored in this table). Between any two snapshots, for example Snapshot S1 and Snapshot S2,

- An added object is simply an object present in S2 and absent from S1
- A deleted object is simply an object present in S1 and absent from S2
- An updated object is simply an object present in S1 and S2 yet with a different checksum
- An unchanged object is simply an object present in S1 and S2 with the same checksum

OBJECT_CHECKSUM	int	NULL	Checksum used to detect changes between snapshots
OBJECT_ID	int	NULL	Object ID
OBJECT_TYPE_ID	int	NULL	Object type ID - see DSS_OBJECT_TYPES
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_OBJECT_TYPES

This table stores the object type description list:

OBJECT_GROUP	int	NULL	<ul style="list-style-type: none"> • 0: artifacts and other objects • 1: technical module • 2: technologic objects • 3: APM Consolidated Objects Application (-102) Functional module (20000) • 4: Organization objects: organization, teams, developers. • 8: APM_HierarchicalObject Corp (-100) System (-101)
OBJECT_TYPE_DESCRIPTION	varchar	1000	Object type description
OBJECT_TYPE_ID	int	NULL	Object type ID
OBJECT_TYPE_NAME	varchar	255	Object type name
OBJECT_TYPE_NAME_EX	varchar	255	Object type internal name

DSS_OBJECTS

This table lists all the object objects currently stored in the Dashboard Service following an analysis:

OBJECT_DESCRIPTION	varchar	1000	Object description
OBJECT_FULL_NAME	varchar	1000	Object full name
OBJECT_ID	int	NULL	Object ID - this ID is unique in the Dashboard Service. Use DSS_TRANSLATION_TABLE to find the ID of the Object in the Analysis Service.
OBJECT_NAME	varchar	255	Object name
OBJECT_TYPE_ID	int	NULL	Object type ID - see DSS_OBJECT_TYPES

DSS_PORTF_TREE

Denormalization table for objects:

APP_ID	int	NULL	Application ID
MODULE_ID	int	NULL	Module ID
SNAPSHOT_ID	int	NULL	Snapshot ID
SYST_ID	int	NULL	System ID

DSS_PROCESSING

This table stores DSS processing information (compute progression, stop requests):

PROCESS_CURRENT_TIME	datetime	NULL	Timestamp when current value was updated
PROCESS_CURRENT_VALUE	int	NULL	Current value
PROCESS_MAX_VALUE	int	NULL	Maximum value
PROCESS_START_TIME	datetime	NULL	Timestamp when operation started
PROCESS_TYPE	varchar	255	Processing type

DSS_QUALITY_TREE

Denormalization table for Quality Rule information:

B_CRITERION_ID	int	NULL	-
M_CRIT	int	NULL	-
M_WEIGHT	float	NULL	-
METRIC_ID	int	NULL	Quality Rule ID
T_CRIT	int	NULL	-
T_CRITERION_ID	int	NULL	-
T_WEIGHT	float	NULL	-

DSS_SITES

This table contains all sites found. It describes the different Analysis Services registered in the Dashboard Service. It also contains the necessary parameters in order to connect to them:

ENCRYPTION_TYPE	int	NULL	Encryption used for the User password
LAST_UPDATE	datetime	NULL	Date of last update
LOCAL_DSS_NAME	varchar	255	Name of DSS database or schema in Analysis Service
SERVER_TYPE	int	NULL	<ul style="list-style-type: none"> • 1: MS/Sybase • 2: Oracle • 5: CSS
SITE_DESCRIPTION	varchar	1000	Analysis Service description
SITE_ID	int	NULL	Analysis Service ID
SITE_NAME	varchar	255	Analysis Service name
SITE_PASSWORD	varchar	255	Password of the user/login used to connect
SITE_SERVER	varchar	255	Server or instance name
SITE_SRVADDRESS	varchar	1000	When using CMS/Server Address mode, contains the server address. Otherwise NULL
SITE_SRVADDRESS_TYPE	varchar	255	When using CMS/Server Address mode, contains the server type: SQLServer, Sybase, Oracle, or DB2. Otherwise NULL
SITE_SYSTEM	varchar	255	System (for DB2 only)
SITE_TYPE	int	NULL	<ul style="list-style-type: none"> • 1: Central • 2: Local
SITE_USER	varchar	255	Database user/login used to connect
SNAPSHOT_STATUS	int	NULL	<ul style="list-style-type: none"> • -1: site erased • 0: no metrics • 1: wait to transfer • 2: wait to import • 3: consolidated

DSS_SNAPSHOT_INFO

Snapshot information for a given high level object:

OBJECT_ID	int	NULL	Object ID
OBJECT_VERSION	varchar	50	Object version
SNAPSHOT_ID	int	NULL	Snapshot ID

DSS_SNAPSHOT_TYPES

This table stores the types of snapshot:

SNAPSHOT_TYPE_ID	int	NULL	<ul style="list-style-type: none"> • 1: APM snapshots • 2: Enforce snapshot • 3: ADG snapshots
SNAPSHOT_TYPE_NAME	varchar	255	Snapshot type name

DSS_SNAPSHOTS

This table stores the snapshots:

APPLICATION_ID	int	NULL	Application ID
COMPUTE_END_DATE	datetime	NULL	Snapshot calculation end date
COMPUTE_START_DATE	datetime	NULL	Snapshot calculation start date
EXTERNAL_ID	int	NULL	External object ID (-1 for none): Used in the Enforce Diagnostics
FUNCTIONAL_DATE	datetime	NULL	Date
SNAPSHOT_CONSO_ID	int	NULL	-
SNAPSHOT_DATE	datetime	NULL	Snapshot creation date
SNAPSHOT_DESCRIPTION	varchar	1000	Snapshot description
SNAPSHOT_ID	int	NULL	Snapshot ID
SNAPSHOT_NAME	varchar	255	Snapshot name
SNAPSHOT_STATUS	int	NULL	<ul style="list-style-type: none">• 0: empty• 1: in progress• 2: consolidated
SNAPSHOT_TYPE_ID	int	NULL	<ul style="list-style-type: none">• 1: APM snapshots• 2: Enforce snapshot• 3: ADG snapshot

DSS_TECHNOLOGIES

This table indicates different type of technologies associated to technical modules:

MODULE_TYPE_ID	int	NULL	Module type ID
TECHNO_TYPE_ID	int	NULL	Techno type ID

DSS_TRANSLATION_TABLE

This table stores objects both from Analysis and Dashboard Services:

OBJECT_ID	int	NULL	Object ID
SITE_ID	int	NULL	Site ID
SITE_OBJECT_ID	int	NULL	-

DSS_WORK_FOLDER_METRICS

Internal Table, Quality Rules to delete before importing Assessment Model:

METRIC_ID	int	NULL	Object ID
METRIC_PARENT_ID	int	NULL	Site ID
TREE_LEVEL	int	NULL	-

DSS_WORK_FUNC_MODULE_TREE

FLAT_LEVEL	int	NULL	-
MODULE_ID	int	NULL	Module ID
OBJECT_ID	int	NULL	Object ID
OBJECT_PARENT_ID	int	NULL	Object's parent ID

DSS_WORK_IN_OBJECTS

Temporary table for import of DSS_OBJECTS table:

OBJECT_CHECKSUM	int	NULL	-
OBJECT_DESCRIPTION	varchar	1000	Object description
OBJECT_FULL_NAME	varchar	1000	Object full name
OBJECT_ID	int	NULL	Object ID
OBJECT_NAME	varchar	255	Object name
OBJECT_TYPE_ID	int	NULL	Object type ID - see DSS_OBJECT_TYPES

DSS_WORK_OBJ_TYP

LINK_TYPE_ID	int	NULL	Link type ID
OBJECT_TYPE_ID	int	NULL	Object type ID

DSS_WORK_OBJECTS

Temporary table for import of DSS_OBJECTS table:

OBJECT_CHECKSUM	int	NULL	-
OBJECT_DESCRIPTION	varchar	1000	Object description
OBJECT_FULL_NAME	varchar	1000	Object full name
OBJECT_ID	int	NULL	Object ID
OBJECT_NAME	varchar	255	Object name
OBJECT_TYPE_ID	int	NULL	Object type ID - see DSS_OBJECT_TYPES

DSS_WORK_OBJECTS_FLAT_TREE

FLAT_LEVEL	int	NULL	-
OBJECT_ID	int	NULL	Object ID
OBJECT_PARENT_ID	int	NULL	Object's parent ID