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Genesys Info Mart Physical Data Model for a Microsoft SQL Server Database

Table SDR_ACTIVITIES_FACT

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Description

Introduced: 8.5.007. Supported in Genesys Engage cloud deployments only.
Modified: 8.5.116.45 (size of the SESSION_ID column increased); 8.5.010.16 (UPDATE_AUDIT_KEY added); 8.5.010 (in Microsoft SQL Server, data type for SESSION_ID modified in multi-language databases)

In partitioned databases, this table is partitioned.

This fact table contains a record of the activities that the user encountered while the call was being processed by the Application. A new row is added for each activity (for example, booking an airline ticket).

Tip

To assist you in preparing supplementary documentation, click the following link to download a comma-separated text file containing information such as the data types and descriptions for all columns in this table: [Download a CSV file](#).

Hint: For easiest viewing, open the downloaded CSV file in Excel and adjust settings for column widths, text wrapping, and so on as desired. Depending on your browser and other system settings, you might need to save the file to your desktop first.

Column List

Legend

Column	Data Type	P	M	F	DV
SESSION_ID	varchar(128)	X	X		
START_DATE_TIME_KEY	int	X	X	X	
SEQUENCE_ID	int	X	X		

Table SDR_ACTIVITIES_FACT

Column	Data Type	P	M	F	DV
START_TS_MS	numeric(19)		X		
END_TS_MS	numeric(19)		X		
SDR_ACTIVITY_KEY	Int		X		-2
CREATE_AUDIT_KEY	numeric(19)		X	X	
UPDATE_AUDIT_KEY	numeric(19)			X	

SESSION_ID

Modified: 8.5.116.45 (size of the column increased); 8.5.010 (in Microsoft SQL Server, data type modified in multi-language databases)

The ID as assigned to the session by Orchestration Server. In combination with SEQUENCE_ID, the SESSION_ID forms a value of the composite primary key for this table. You can use the SESSION_ID to link the SDR_ACTIVITIES_FACT record with an SDR_SESSION_FACT.

START_DATE_TIME_KEY

Identifies the start of a 15-minute interval in which the activity started. Use this value as a key to join the fact tables to any configured DATE_TIME dimension, in order to group the facts that are related to the same interval and/or convert the START_TS timestamp to an appropriate time zone.

SEQUENCE_ID

The unique identifier of the activity within the SDR. In combination with SESSION_ID, the SEQUENCE_ID forms a value of the composite primary key for this table.

START_TS_MS

The UTC-equivalent value, in milliseconds, of the date and time at which the activity started.

END_TS_MS

The UTC-equivalent value, in milliseconds, of the date and time at which the activity ended.

SDR_ACTIVITY_KEY

The surrogate key that is used to join the SDR_ACTIVITY dimension to the fact tables.

CREATE_AUDIT_KEY

The surrogate key that is used to join to the CTL_AUDIT_LOG control table. The key specifies the lineage for data creation. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify newly added data.

UPDATE_AUDIT_KEY

Introduced: Release 8.5.010.16

The surrogate key that is used to join to the CTL_AUDIT_LOG control table. The key specifies the lineage for data update. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify recently modified data.

Index List

CODE	U	C	Description
I_SDR_ACTIVITIES_FACT_SDT			Improves access time, based on the Start Date Time key.

Index I_SDR_ACTIVITIES_FACT_SDT

Field	Sort	Comment
START_DATE_TIME_KEY	Ascending	

Subject Areas

No subject area information available.