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Genesys Info Mart Physical Data Model for a PostgreSQL Database

Table `SDR_SESSION_FACT`

Table SDR_SESSION_FACT

Description

Introduced: 8.5.001

Modified: 8.5.116.45 (size of the SESSION_ID column increased); 8.5.010.16 (UPDATE_AUDIT_KEY added); 8.5.005 (SDR_SURVEY_* keys added); 8.5.007 (SDR_SURVEY_QUESTIONS_* keys added)

In partitioned databases, this table is partitioned.

This table describes caller activity within an SDR session.

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 |
|------------------|--------------|---|---|---|----------|
| CREATE_AUDIT_KEY | numeric(19) | | X | X | |
| SESSION_ID | varchar(128) | X | X | | |
| INTERACTION_ID | varchar(50) | | X | X | |
| CONNECTION_ID | varchar(255) | | X | | NO_VALUE |

Table SDR_SESSION_FACT

| Column | Data Type | P | M | F | DV |
|-------------------------------|--------------|---|---|---|----------|
| ANI | varchar(50) | | X | | NO_VALUE |
| AS_DURATION_MS | numeric(19) | | X | | 0 |
| SS_DURATION_MS | numeric(19) | | X | | 0 |
| START_TS_MS | numeric(19) | | X | | |
| END_TS_MS | numeric(19) | | X | | |
| START_DATE_TIME_KEY | integer | X | X | X | |
| END_DATE_TIME_KEY | integer | | X | X | |
| INPUT_COUNT | integer | | X | | 0 |
| MENU_COUNT | integer | | X | | 0 |
| DTMF_PATH | varchar(255) | | X | | NO_VALUE |
| SDR_ENTRY_POINT_KEY | integer | | X | X | -2 |
| SDR_EXIT_POINT_KEY | integer | | X | X | -2 |
| SDR_APPLICATION_KEY | integer | | X | X | -2 |
| SDR_GEO_LOCATION_KEY | integer | | X | X | -2 |
| SDR_LANGUAGE_KEY | integer | | X | X | -2 |
| STRIKEOUT_SDR_MILESTONE_KEY | integer | | X | X | -2 |
| BAILOUT_SDR_MILESTONE_KEY | integer | | X | X | -2 |
| DEFLECTION_SDR_MILESTONE_KEY | integer | | X | X | -2 |
| FINAL_SDR_MILESTONE_KEY | integer | | X | X | -2 |
| SELF_HELPED_SDR_MILESTONE_KEY | integer | | X | X | -2 |
| DEFLECTION_SDR_MESSAGE_KEY | integer | | X | X | -2 |
| SDR_CALL_DISPOSITION_KEY | integer | | X | X | -2 |
| SDR_CALL_TYPE_KEY | integer | | X | X | -2 |
| SDR_SURVEY_SCORES_KEY | integer | | X | X | -2 |
| SDR_SURVEY_I1_KEY | integer | | X | X | -2 |
| SDR_SURVEY_I2_KEY | integer | | X | X | -2 |
| SDR_SURVEY_S1_KEY | integer | | X | X | -2 |
| SDR_SURVEY_S2_KEY | integer | | X | X | -2 |
| SDR_SURVEY_QUESTION5_I1_KEY | integer | | X | X | -2 |
| SDR_SURVEY_QUESTION5_I2_KEY | integer | | X | X | -2 |
| SDR_SURVEY_QUESTION5_S1_KEY | integer | | X | X | -2 |
| SDR_SURVEY_QUESTION5_S2_KEY | integer | | X | X | -2 |
| SDR_SURVEY_STATUS_KEY | integer | | X | X | -2 |
| UPDATE_AUDIT_KEY | numeric(19) | | | X | |

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.

SESSION_ID

Modified: 8.5.116.45 (size of the column increased)

The ID as assigned to the session by Orchestration Server. You can use the SESSION_ID to link other SDR_*_FACT records with the SDR_SESSION_FACT.

INTERACTION_ID

The unique identifier of the interaction, as assigned by SIP Server. Use this field to join SDR_SESSION_FACT with a corresponding interaction record in the INTERACTION_FACT table, by using the following condition:

```
SDR_SESSION_FACT.INTERACTION_ID = INTERACTION_FACT.MEDIA_SERVER_I_XN_GUID
```

CONNECTION_ID

The connection ID of the call, as assigned by SIP Server.

ANI

The phone number of the caller.

AS_DURATION_MS

The duration, in milliseconds, of the Assisted Service phase.

SS_DURATION_MS

The duration, in milliseconds, of the Self-Service phase.

START_TS_MS

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

END_TS_MS

The UTC-equivalent value, in milliseconds, of the date and time at which the call or the application

Table SDR_SESSION_FACT

completed.

START_DATE_TIME_KEY

Identifies the start of a 15-minute interval in which the call began. 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.

END_DATE_TIME_KEY

Identifies the start of a 15-minute interval in which the call ended. 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.

INPUT_COUNT

The number of user input blocks the caller encountered during the session.

MENU_COUNT

The number of menu blocks the caller encountered during the session.

DTMF_PATH

The sequence of DTMF keys that the caller pressed when going through the application's menu.

SDR_ENTRY_POINT_KEY

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

SDR_EXIT_POINT_KEY

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

SDR_APPLICATION_KEY

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

SDR_GEO_LOCATION_KEY

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

SDR_LANGUAGE_KEY

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

STRIKEOUT_SDR_MILESTONE_KEY

The key that is used to join the STRIKEOUT milestone value in the SDR_MILESTONE dimension to the fact tables.

BAILOUT_SDR_MILESTONE_KEY

The key that is used to join the BAILOUT milestone value in the SDR_MILESTONE dimension to the fact tables.

DEFLECTION_SDR_MILESTONE_KEY

The key that is used to join the DEFLECTION milestone value in the SDR_MILESTONE dimension to the fact tables.

FINAL_SDR_MILESTONE_KEY

The key that is used to join the FINAL milestone value in the SDR_MILESTONE dimension to the fact tables.

SELF_HELPED_SDR_MILESTONE_KEY

The key that is used to join the SELF_HELPED milestone value in the SDR_MILESTONE dimension to the fact tables.

DEFLECTION_SDR_MESSAGE_KEY

The key that is used to join the DEFLECTION_MESSAGE value in the SDR_MESSAGE dimension to the fact tables.

SDR_CALL_DISPOSITION_KEY

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

SDR_CALL_TYPE_KEY

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

SDR_SURVEY_SCORES_KEY

Introduced: Release 8.5.005

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

SDR_SURVEY_I1_KEY

Introduced: Release 8.5.005

The key that is used to join the SDR_SURVEY_I1 dimension to the fact tables.

SDR_SURVEY_I2_KEY

Introduced: Release 8.5.005

The key that is used to join the SDR_SURVEY_I2 dimension to the fact tables.

SDR_SURVEY_S1_KEY

Introduced: Release 8.5.005

The key that is used to join the SDR_SURVEY_S1 dimension to the fact tables.

SDR_SURVEY_S2_KEY

Introduced: Release 8.5.005

The key that is used to join the SDR_SURVEY_S2 dimension to the fact tables.

SDR_SURVEY_QUESTIONS_I1_KEY

Introduced: Release 8.5.007

The key that is used to join the SDR_SURVEY_QUESTIONS_I1 dimension to the fact tables.

SDR_SURVEY_QUESTIONS_I2_KEY

Introduced: Release 8.5.007

The key that is used to join the SDR_SURVEY_QUESTIONS_I2 dimension to the fact tables.

SDR_SURVEY_QUESTIONS_S1_KEY

Introduced: Release 8.5.007

The key that is used to join the SDR_SURVEY_QUESTIONS_S1 dimension to the fact tables.

SDR_SURVEY_QUESTIONS_S2_KEY

Introduced: Release 8.5.007

The key that is used to join the SDR_SURVEY_QUESTIONS_S2 dimension to the fact tables.

SDR_SURVEY_STATUS_KEY

Introduced: Release 8.5.005

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

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_SESSION_FACT_SDT | | | Improves access time, based on the Start Date Time key. |

Index I_SDR_SESSION_FACT_SDT

| Field | Sort | Comment |
|---------------------|-----------|---------|
| START_DATE_TIME_KEY | Ascending | |

Subject Areas

No subject area information available.