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# Genesys Info Mart Physical Data Model for a PostgreSQL Database

Table CTL\_AUDIT\_LOG

# Table CTL\_AUDIT\_LOG

## Description

**Modified:** 8.5.116.12 (PRODUCER\_INFO\_KEY added); 8.5.003 (in Oracle, fields with VARCHAR data types use explicit CHAR character-length semantics)

In partitioned databases, this table is partitioned.

This table allows facts and dimensions to be described by data lineage attributes. Each row represents a logical transaction that is committed by Genesys Info Mart, identifying the ETL job that is involved in the transaction, including the minimum and maximum DATE\_TIME values (which give a date-time range for the data that is committed in the transaction), and providing the processing status (an internal indicator of the kind of data that is processed).

### 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
AUDIT_KEY	numeric(19)	X	X		
JOB_ID	varchar(64)		X		
CREATED	timestamp(3)		X		

Table CTL\_AUDIT\_LOG

Column	Data Type	P	M	F	DV
INSERTED	timestamp(3)				
PROCESSING_STATUS_KEY	integer		X		
MIN_START_DATE_TIME_KEY	integer			X	
MAX_START_DATE_TIME_KEY	integer			X	
MAX_CHUNK_TS	integer				
DATA_SOURCE_KEY	integer				
ROW_COUNT	integer				
CREATED_TS	integer		X		
PRODUCER_INFO_KEY	numeric(19)				

## AUDIT\_KEY

The primary key of this table and the surrogate key that is used to join this table to GIDB, merge tables, and dimensional model tables.

## JOB\_ID

ID that uniquely identifies the execution instance of the job.

## CREATED

The date and time of row creation.

## INSERTED

The UTC-equivalent date and time when the processing of the logical transaction described by this row was completed and the record was inserted into the database.

## PROCESSING\_STATUS\_KEY

Reference to the CTL\_PROCESSING\_STATUS dimension. This field is reserved.

## MIN\_START\_DATE\_TIME\_KEY

The minimum value of START\_DATE\_TIME\_KEY that is committed in a transaction. If partitioning is enabled, this value helps to identify fact-table partition(s) in which data was inserted or updated.

### MAX\_START\_DATE\_TIME\_KEY

The maximum value of START\_DATE\_TIME\_KEY that is committed in a transaction. If partitioning is enabled, this value helps to identify fact-table partition(s) in which data was inserted or updated.

### MAX\_CHUNK\_TS

The maximum value out of all timestamps that are stored for a particular chunk of data that is marked with the corresponding audit key.

### DATA\_SOURCE\_KEY

The surrogate key that is used to join to the CTL\_DS dimension. It specifies the data source server, such as T-Server, Interaction Server, Configuration Server, Outbound Contact Server (OCS), and Genesys Info Mart Server itself.

### ROW\_COUNT

The number of records that are marked with this audit key.

### CREATED\_TS

The UTC-equivalent value of the date and time of row creation.

### PRODUCER\_INFO\_KEY

**Introduced:** Release 8.5.116.12

Reference to the CTL\_PRODUCER\_INFO dimension, to identify the version of the upstream application or service that produced Kafka data.

## Index List

CODE	U	C	Description
IDX_CTL_AL_CTS			Improves purge performance.

Table CTL\_AUDIT\_LOG

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Index IDX\_CTL\_AL\_CTS

Field	Sort	Comment
CREATED_TS	Ascending	

Subject Areas

No subject area information available.