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

Table CTL_AUDIT_LOG

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Description

Modified: 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	datetime		X		

Table CTL_AUDIT_LOG

Column	Data Type	P	M	F	DV
INSERTED	datetime				
PROCESSING_STATUS_KEY	int		X		
MIN_START_DATE_TIME_KEY	int			X	
MAX_START_DATE_TIME_KEY	int			X	
MAX_CHUNK_TS	int				
DATA_SOURCE_KEY	int				
ROW_COUNT	int				
CREATED_TS	int		X		

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.

Index List

CODE	U	C	Description
IDX_CTL_AL_CTS			Improves purge performance.

Index IDX_CTL_AL_CTS

Field	Sort	Comment
CREATED_TS	Ascending	

Subject Areas

No subject area information available.