

Purge Guide
Oracle Banking APIs
Patchset Release 22.2.3.0.0

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Purge Guide
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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking APIs Patchset Release 22.2.3.0.0, refer to the following documents:

- Oracle Banking APIs Installation Manuals
- Oracle Banking APIs Licensing Guide

2. Steps to add new table for purging

Note:

Purge (BatchProcess) Framework has also been modularized effective from OBDX 21.1.1.0.0 release.

Each module can trigger Purging independently and tables belonging to only that module shall be purged.

The actual mechanism involved in Purge Framework remains unchanged.

1. Create history table for table to be purged

E.g. created history table for audit log – DIGX_AL_AUDIT_LOGGING_HIST.sql

2. Write database function to do purging for table data, i.e. to insert data in history table and delete data from actual table based on date or you can add your own condition in where clause.

E.g. create database function for audit log – AP_DIGX_AL_AUDIT_LOGGING.sql

3. Maintain seed entry for DIGX_PU_SHELL_PARAMS –

Following are some important columns:

COD_PURGE_ID: unique value in table and specify sequence of purging activity

NAM_PURGE_TBL: Name of table to be purged

FRQ_PURGE: specify time duration of purging .when again the purging activity will take place.

E.g. if it is 1 then next day purging will take place, if it is 2 then after 2 days this activity will take place

PERD_RETENTION: Up to what date the data should be retained in actual table

E.g. if it is 15 then current date - 15 days = date up to purge

Up to that date the data will be present in actual table and previous data will be moved to history table

NAM_PURGE_PROC: Name of database function which is responsible to do actual purging activity for this table (or related tables).

E.g. AP_DIGX_AUDIT_LOGGING.sql

DAT_LAST_PURGE: Indicates when last purging occurred.

DAT_NEXT_PURGE: Indicates when next purge will occur.

FLG_MNT_STATUS: Indicates whether purging is active (A) or disabled/inactive (I) for each table.

DAT_PURGE_UPTO:-Gives information about date up to which data has been purged.

TYP_PURGE:-It specifies purge type i.e. if purge type is 'T' then whole data will get deleted without backup and if type is 'S' then it will call appropriate database function which we have maintain in NAM_PURGE_PROC column .

MODULE_ID:-Specify purging is for which module. The value in this column should exactly match the value of *digx-module* parameter in web.xml of that module.

Example: Below entry for reference purpose will help to understand the implementation

COD_PURGE_ID	NAM_PURGE_TBL	FRQ_PURGE	PERD_RETENTION	NAM_PURGE_PROC	DAT_LAST_PURGE	DAT_NEXT_P...	COD_STREAM	FLG_MNT_STATUS	MODULE_ID	TYP_PURGE
1	7 DIGX_EP_ACT_LOG_B	1		5 AP_DIGX_EP_ACT_LOG_B	17-02-24	18-02-24	3 A	EP		S
2	10 DIGX_EP_EVT_LOG_B	1		18 AP_DIGX_EP_EVT_LOG_B	17-02-24	18-02-24	3 A	EP		S
3	11 DIGX_EP_ACN_LOG_B	1		18 AP_DIGX_EP_ACN_LOG_B	17-02-24	18-02-24	3 A	EP		S

4. For each module that requires Purging, an entry should be made into **DIGX_CM_TIMER** table. The value in *MODULE* column should exactly match the value of *digx-module* parameter in web.xml of that module. Other columns of this table can be used to determine when to trigger Purge (BatchProcess) and the frequency for that module.

5. After batch execution, following tables should get updated:
 - digx_pu_shell_params
 - digx_pu_statistics

6. WebLogic setup:
 - No separate deployable is now required for Purge (BatchProcess).
 - Create new non XA data source named "BATCH" for purging. In case of entity specific database, ensure there is a BATCH_<entityId> data source created for each entity.
 - Restart the managed server.