Oracle® Retail Merchandising

Cloud Services Batch Schedule

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ORACLE®

Oracle Retail Merchandising Cloud Services Batch Schedule, Release 16.0.027

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Oracle Retail Merchandising Cloud Services Batch Schedule, Release 16.0.027

Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
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- Does the structure of the information help you with your tasks?
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- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

> **Note:** Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the Online Documentation available on the Oracle Technology Network Web site. It contains the most current Documentation Library plus all documents revised or released recently.

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Preface

This batch schedule document details the integrated cyclical processing schedules for the Oracle Retail Merchandising applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Pricing
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Allocation
- Oracle Retail Data Extractor (RDE)

This guide describes the periodic and ad hoc phases of batch processing, as well as pre- and post-processing dependencies.

Audience

The audiences for this guide are as follows:

- Systems analysts and system operations personnel who need information about Merchandising processes, internally or in relation to systems across the enterprise
- Integrators and implementation staff who have the overall responsibility for implementing the Merchandising applications in their enterprise

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- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 16.0) or a later patch release (for example, 16.0.027). If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

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This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

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http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html

(Data Model documents are not available through Oracle Technology Network. You can obtain them through My Oracle Support.)

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Introduction to Merchandising Batch Processing

This chapter is a brief introduction to Oracle Retail batch processing. It defines basic terms and concepts.

Batch Processing

Batch processing is the execution of a group of batch programs (jobs). The results are returned without user intervention. Batch programs are commonly used for the following reasons:

- To process large volumes of transaction data
- To interface with external systems
- To perform internal maintenance

Batch programs can process very large quantities of data quickly and efficiently. Batch programs can perform some updates that could be performed through online transactions, but much more quickly and with less impact on system performance. Batch processing is usually scheduled for times when systems are idle or least busy.

Batch programs can be run automatically using batch scheduler software. The batch scheduler allows batch jobs to be set up in a specific order, with restrictions attached to any program as needed. If an error occurs with a batch program, an administrator must correct the error and manually rerun the batch program that failed.

Types of Batch Programs

Oracle Retail batch programs are of several types:

- Upload programs bring data from external systems into the Oracle Retail database. For example, the sales upload program uploads daily transactions that occur at the point of sale (POS) for processing by the Oracle Retail Management System (RMS).
- Download programs extract data from RMS and format it so it can be used by external systems. For example, the posdnld program extracts new and changed information about an item/location for downloading to the point of sale.
- System maintenance programs perform tasks such as updating the system date. For example, the dtesys program increments the system date at the end of each batch cycle.

- Functional maintenance programs process data specific to a functional area. For example, the mrt.pc program creates individual transfers for an approved Mass Return Transfer.

Batch Window

Because of the impact on production systems, it is not always possible to run batch programs during business hours; however, there is a window of opportunity during each day or night when online systems are not being used. This time frame is the batch window. For example, a retailer with stores throughout the continental U.S. might require its online systems to be available from 8 AM Eastern Standard Time, when its East Coast offices open, until 9 PM Pacific Standard Time, when its West Coast stores close. This allows an eight-hour batch window for processing all batch jobs.

Batch Schedule

Order is critical when running batch programs. Some tasks need to be performed before others. A batch schedule ensures that every time batch processing is performed, the correct tasks are performed in the proper order.

For each individual user, the schedule is a suggested starting point for the installation. Some programs are specific to products that may not be installed, so these programs may not be used at all.

Merchandising Batch Schedule

The integrated Merchandising batch schedule combines the batch schedules of all Merchandising applications.

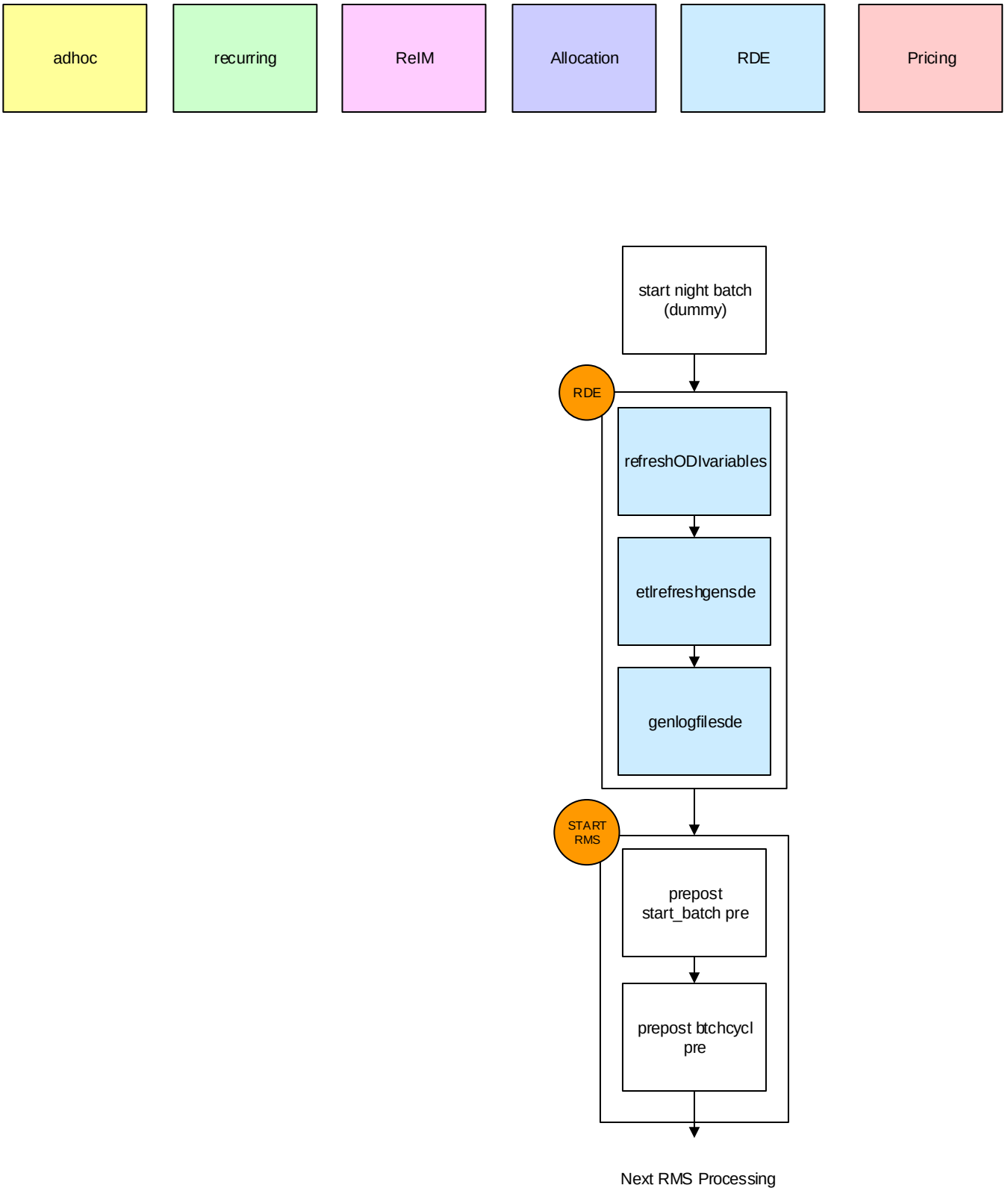
The integrated Merchandising batch schedule combines the batch modules for the following applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Pricing
- Oracle Retail Allocation
- Oracle Retail Data Extractor (RDE)

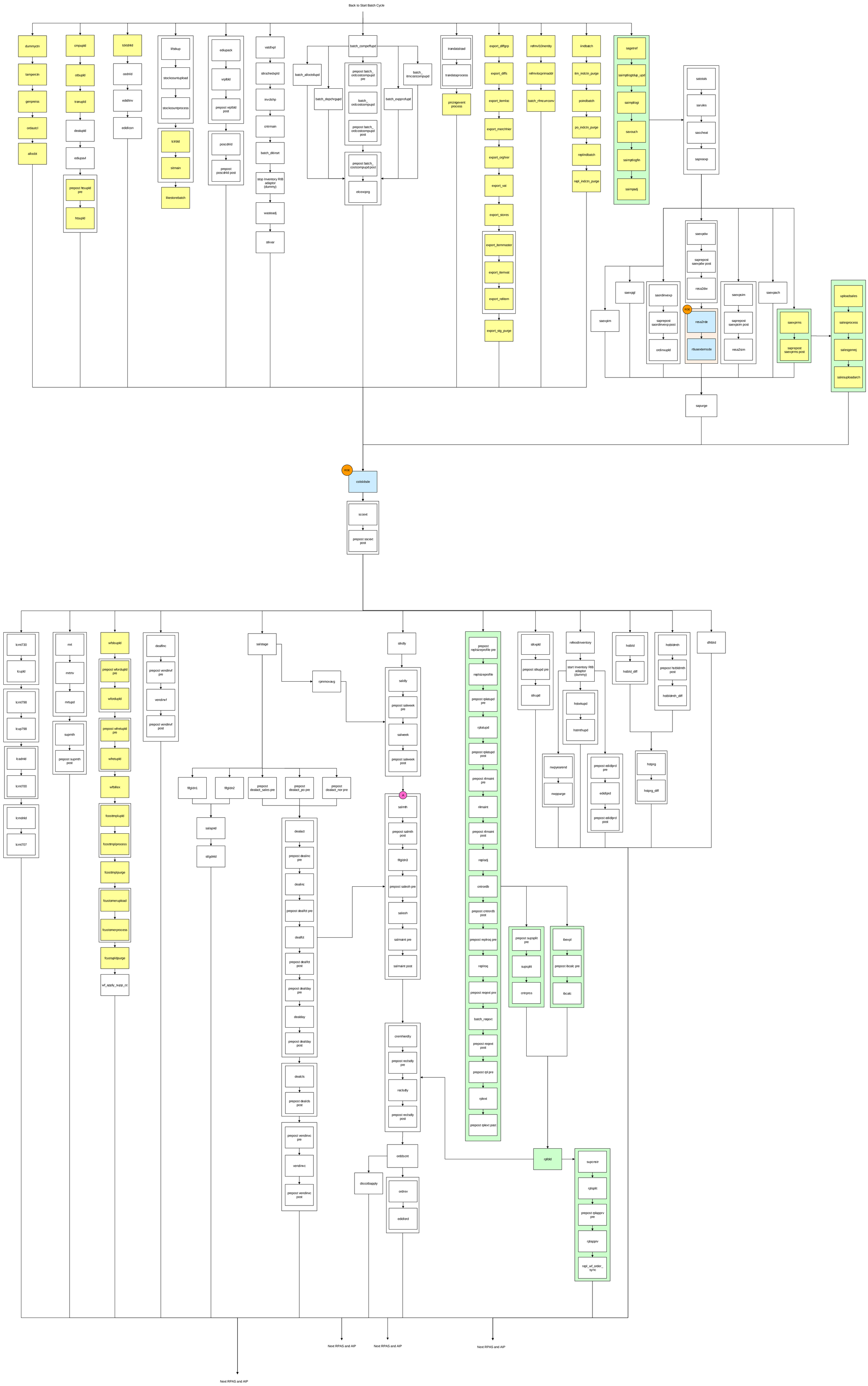
Batch Schedule

View the whole SaaS Batch Schedule below.

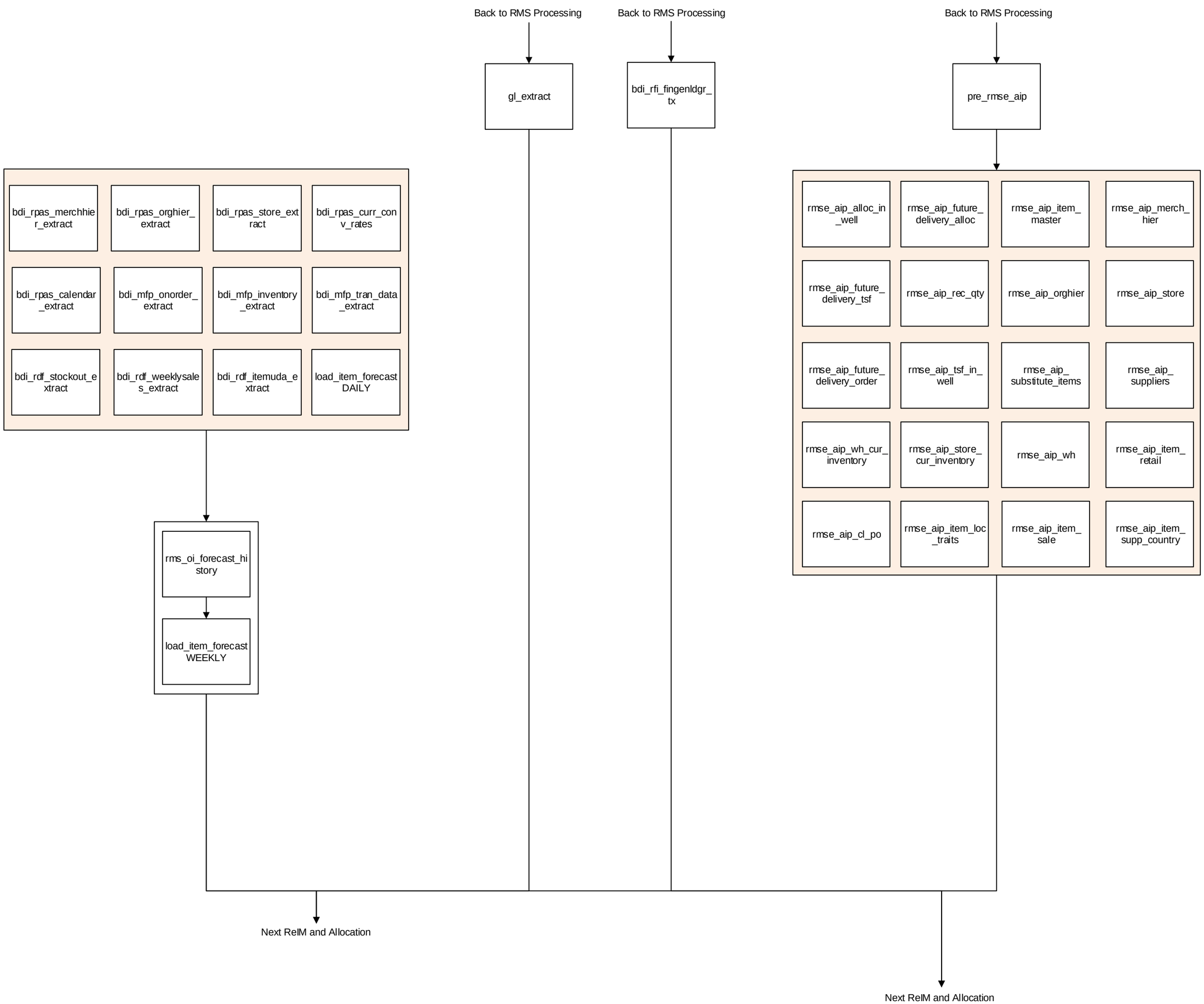
Start Batch Cycle



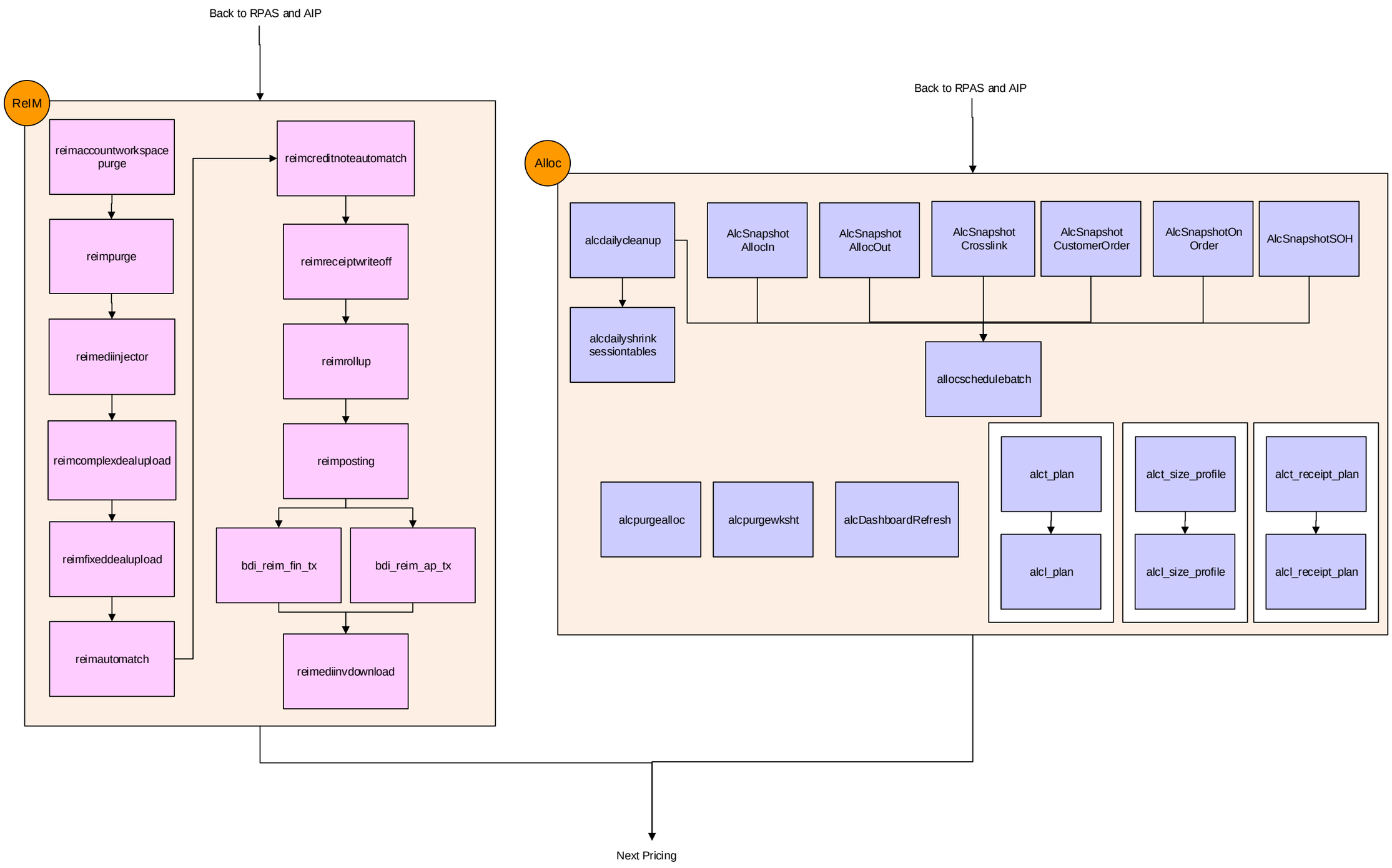
RMS Processing



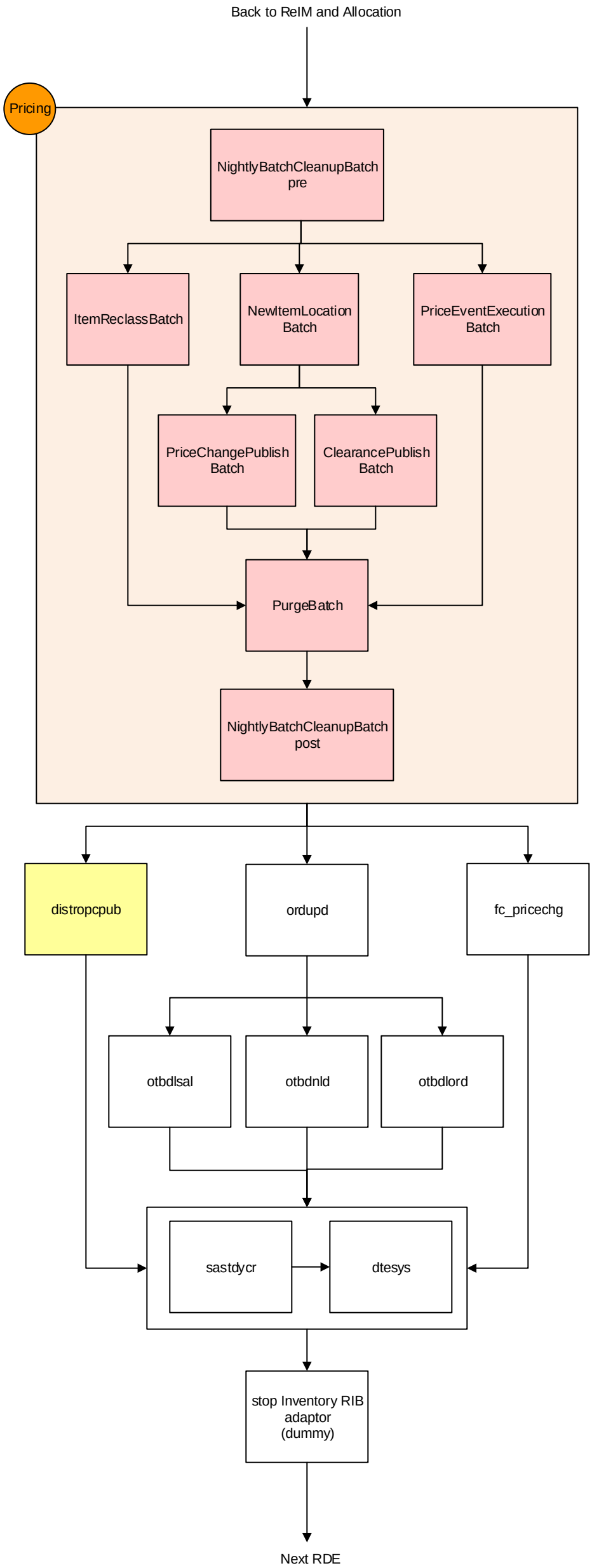
RPAS and AIP


Back to RMS Processing
Back to RMS Processing
Back to RMS Processing
gl_extract
bdi_rfi_fingenldgr_tx
pre_rmse_aip
bdi_rpas_merchhier_extract
bdi_rpas_orghier_extract
bdi_rpas_store_extract
bdi_rpas_curr_conv_rates
bdi_rpas_calendar_extract
bdi_mfp_onorder_extract
bdi_mfp_inventory_extract
bdi_mfp_tran_data_extract
bdi_rdf_stockout_extract
bdi_rdf_weeklysales_extract
bdi_rdf_itemuda_extract
load_item_forecast DAILY
rmse_aip_alloc_in_well
rmse_aip_future_delivery_alloc
rmse_aip_item_master
rmse_aip_merch_hier
rmse_aip_future_delivery_tsf
rmse_aip_rec_qty
rmse_aip_orghier
rmse_aip_store
rmse_aip_future_delivery_order
rmse_aip_tsf_in_well
rmse_aip_substitute_items
rmse_aip_suppliers
rmse_aip_wh_cur_inventory
rmse_aip_store_cur_inventory
rmse_aip_wh
rmse_aip_item_retail
rmse_aip_cl_po
rmse_aip_item_loc_traits
rmse_aip_item_sale
rmse_aip_item_supp_country
rms_oi_forecast_history
load_item_forecast WEEKLY
Next RelM and Allocation
Next RelM and Allocation

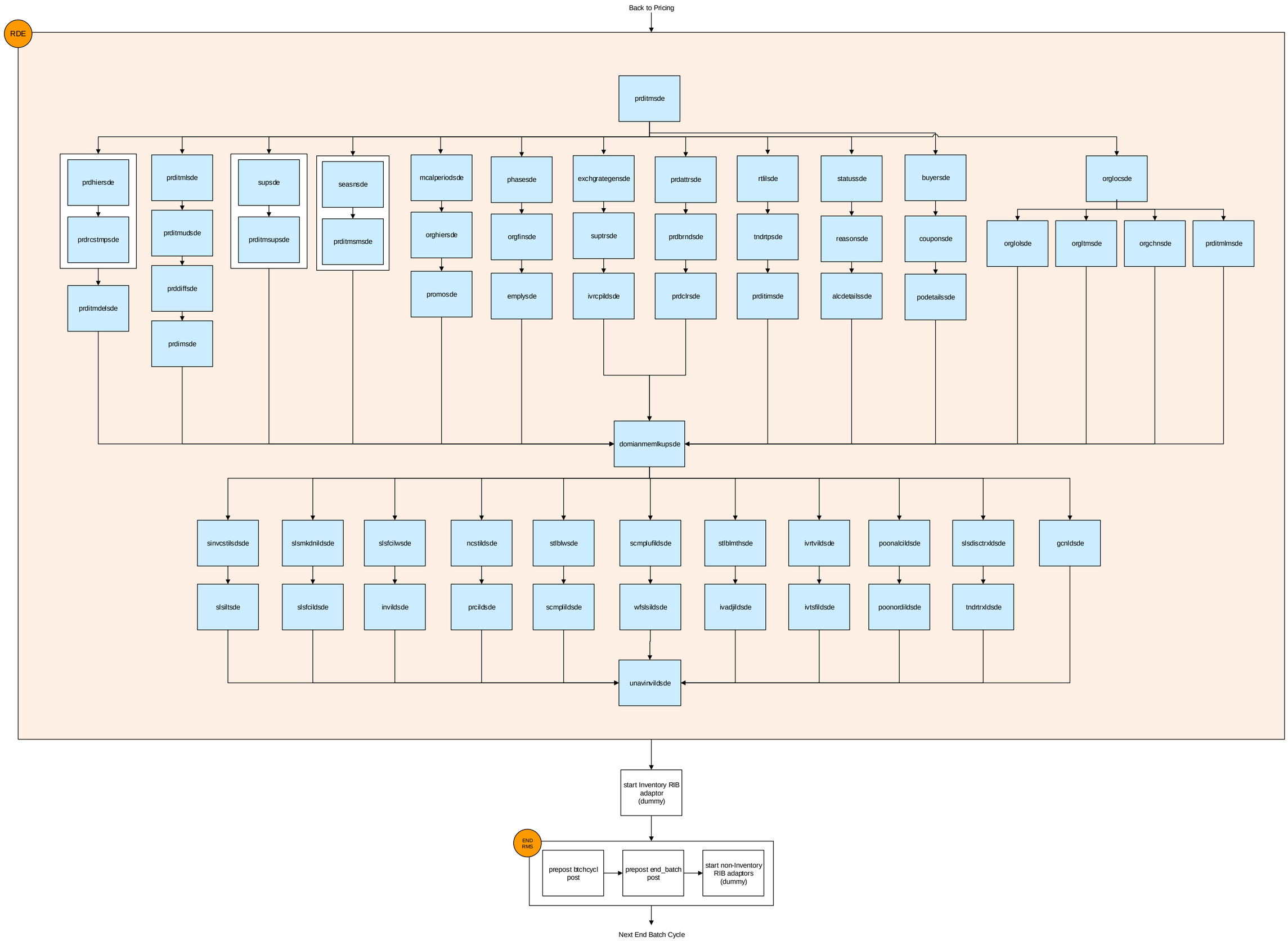
ReIM and Allocation



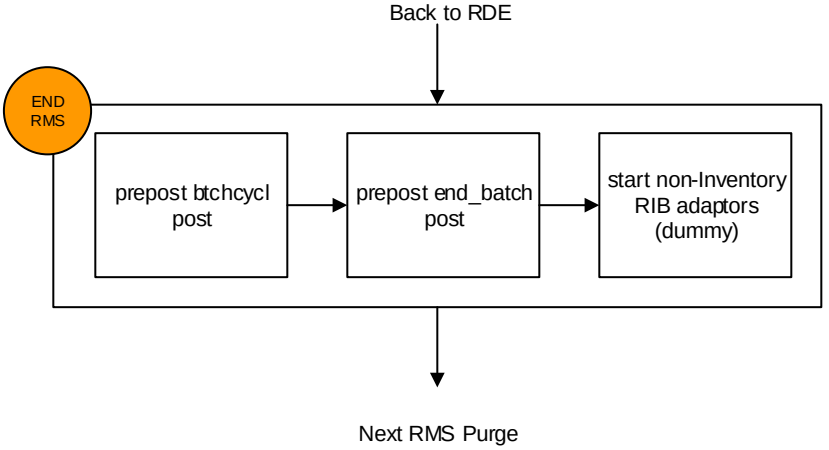
Pricing


Back to ReIM and Allocation
Pricing
NightlyBatchCleanupBatch pre
ItemReclassBatch
NewItemLocation Batch
PriceEventExecution Batch
PriceChangePublish Batch
ClearancePublish Batch
PurgeBatch
NightlyBatchCleanupBatch post
distropcpub
ordupd
fc_pricechg
otbdlsal
otbdnld
otbdlord
sastdycr
dtesys
stop Inventory RIB adaptor (dummy)
Next RDE

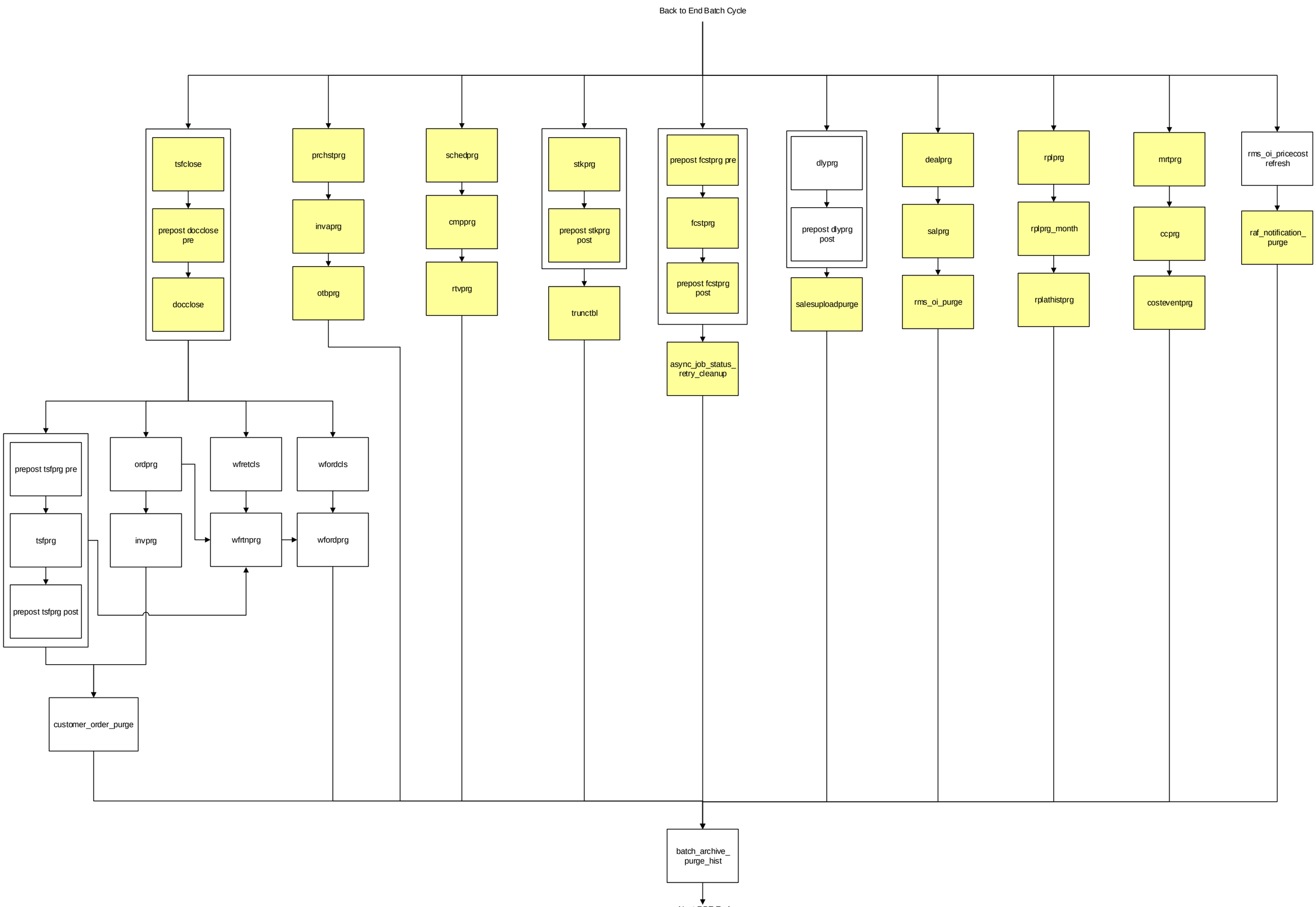
RDE


Back to Pricing
RDE
prditmsde
prdhiersde
prdrcstmpsde
prditmdelsde
prditmlsde
prditmudsde
prddiffsde
prdimsde
supsde
prditmsupsde
seasnsde
prditmsmsde
mcalperiodsde
orghiersde
promosde
phasesde
orgfinsde
emplysde
exchgrategensde
suptrsde
ivrcpildsde
prdattrsde
prdbrndsde
prdclrsde
rtlilsde
tndrtpsde
prditimsde
statussde
reasonsde
alcdetailssde
buyersde
couponsde
podetailssde
orglocsde
orglolsde
orgltmsde
orgchnsde
prditmlmsde
domianmemlkupsde
sinvcstilsdsde
slsiltsde
slsmkdnildsde
slsfcildsde
slsfcilwsde
invildsde
ncstildsde
prcildsde
stlblwsde
scmplilsde
scmpluflldsde
wfslsildsde
stlblmthsde
ivadjildsde
ivrtvildsde
ivtsfildsde
poonalcildsde
poonordildsde
slsdisctrxldsde
tndrtrxldsde
gcnldsde
unavinvildsde
start Inventory RIB adaptor (dummy)
END RMS
prepost btchcycl post
prepost end_batch post
start non-Inventory RIB adaptors (dummy)
Next End Batch Cycle

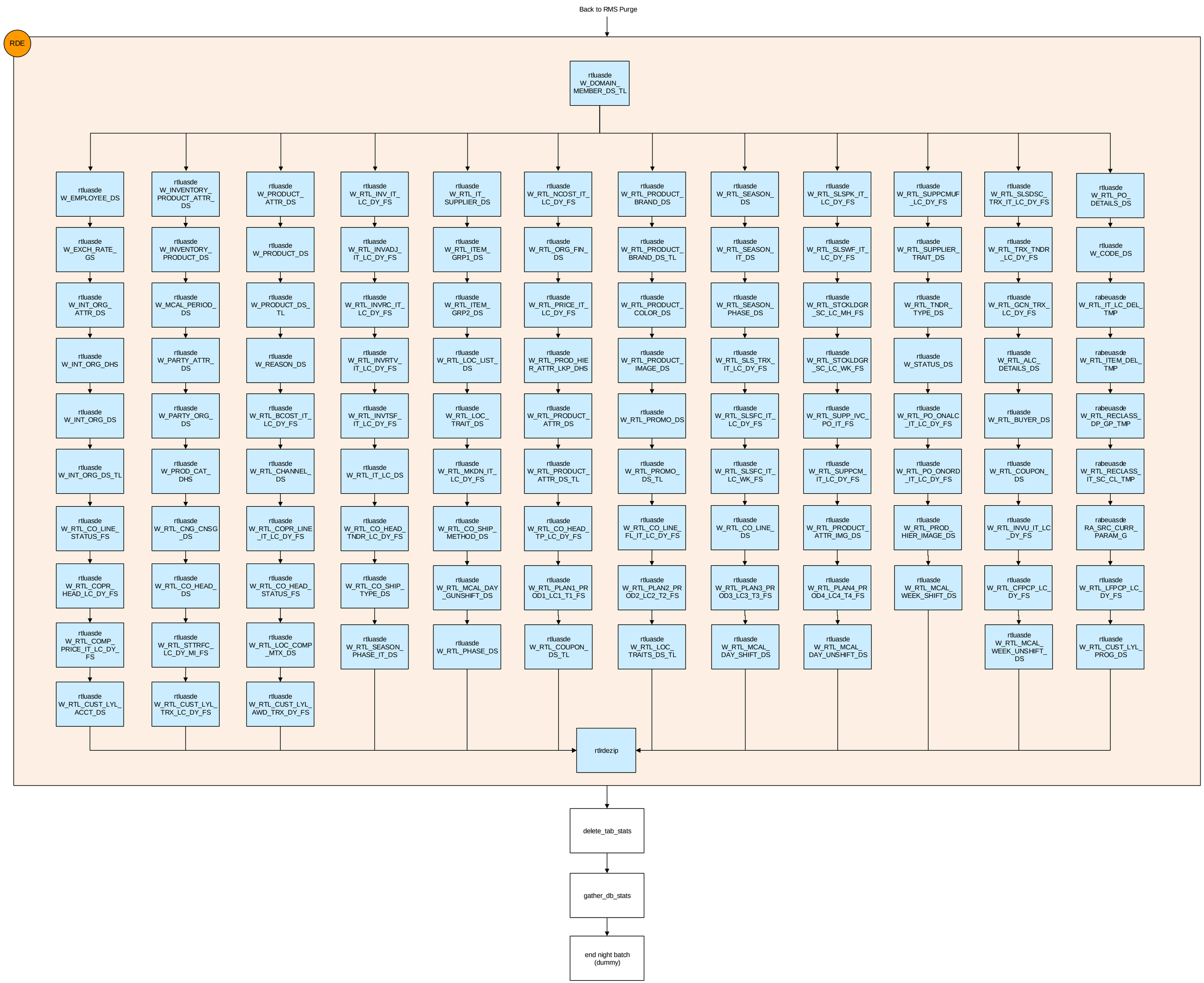
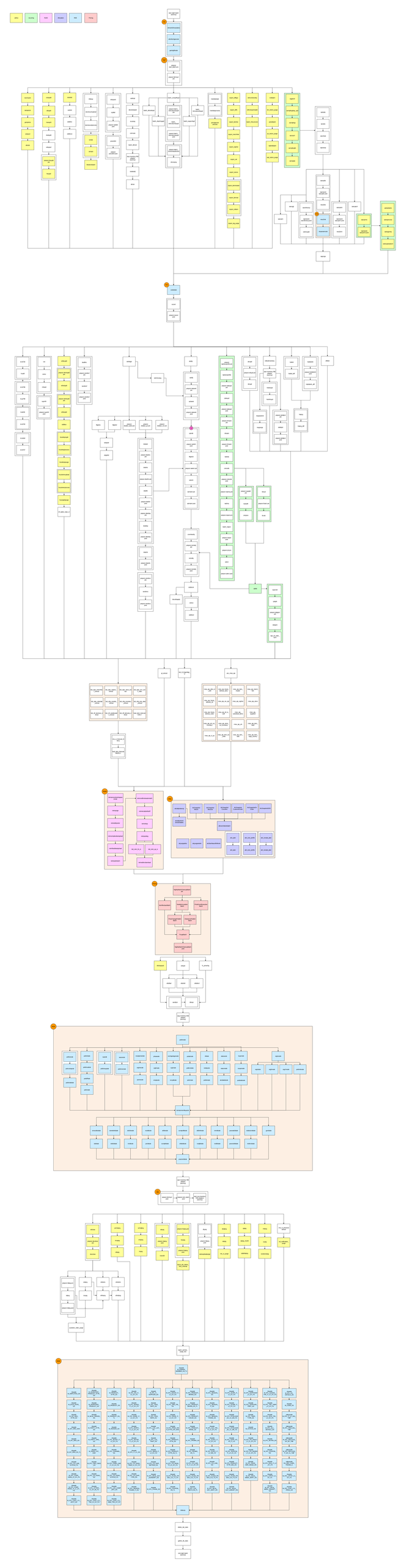
End Batch Cycle



RMS Purge


Back to End Batch Cycle
tsfclose
prepost docclose pre
docclose
prchstprg
invaprg
otbprg
schedprg
cmpprg
rtvprg
stkprg
prepost stkprg post
trunctbl
prepost fcstprg pre
fcstprg
prepost fcstprg post
async_job_status_ retry_cleanup
dlyprg
prepost dlyprg post
salesuploadpurge
dealprg
salprg
rms_oi_purge
rplprg
rplprg_month
rplathistprg
mrtprg
ccprg
costeventprg
rms_oi_pricecost refresh
raf_notification_ purge
prepost tsfprg pre
tsfprg
prepost tsfprg post
ordprg
invprg
wfretcls
wfrtnprg
wfordcls
wfordprg
customer_order_purge
batch_archive_ purge_hist
Next RDE End

RDE End


Back to RMS Purge
RDE
rtluasde W_DOMAIN_ MEMBER_DS_TL
rtluasde W_EMPLOYEE_DS
rtluasde W_EXCH_RATE_ GS
rtluasde W_INT_ORG_ ATTR_DS
rtluasde W_INT_ORG_DHS
rtluasde W_INT_ORG_DS
rtluasde W_INT_ORG_DS_TL
rtluasde W_RTL_CO_LINE_ STATUS_FS
rtluasde W_RTL_COPR_ HEAD_LC_DY_FS
rtluasde W_RTL_COMP_ PRICE_IT_LC_DY_ FS
rtluasde W_RTL_CUST_LYL_ ACCT_DS
rtluasde W_INVENTORY_ PRODUCT_ATTR_ DS
rtluasde W_INVENTORY_ PRODUCT_DS
rtluasde W_MCAL_PERIOD_ DS
rtluasde W_PARTY_ATTR_ DS
rtluasde W_PARTY_ORG_ DS
rtluasde W_PROD_CAT_ DHS
rtluasde W_RTL_CNG_CNSG _DS
rtluasde W_RTL_CO_HEAD_ DS
rtluasde W_RTL_STTRFC_ LC_DY_MI_FS
rtluasde W_RTL_CUST_LYL_ TRX_LC_DY_FS
rtluasde W_PRODUCT_ ATTR_DS
rtluasde W_PRODUCT_DS
rtluasde W_PRODUCT_DS_ TL
rtluasde W_REASON_DS
rtluasde W_RTL_BCOST_IT_ LC_DY_FS
rtluasde W_RTL_CHANNEL_ DS
rtluasde W_RTL_COPR_LINE _IT_LC_DY_FS
rtluasde W_RTL_CO_HEAD_ STATUS_FS
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rtluasde W_RTL_INVRC_IT_ LC_DY_FS
rtluasde W_RTL_INVRTV_ IT_LC_DY_FS
rtluasde W_RTL_INVTSF_ IT_LC_DY_FS
rtluasde W_RTL_IT_LC_DS
rtluasde W_RTL_CO_HEAD_ TNDR_LC_DY_FS
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rtluasde W_RTL_SEASON_ PHASE_IT_DS
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rtluasde W_RTL_LOC_ TRAIT_DS
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rtluasde W_RTL_MCAL_DAY _GUNSHIFT_DS
rtluasde W_RTL_PHASE_DS
rtluasde W_RTL_NCOST_IT_ LC_DY_FS
rtluasde W_RTL_ORG_FIN_ DS
rtluasde W_RTL_PRICE_IT_ LC_DY_FS
rtluasde W_RTL_PROD_HIE R_ATTR_LKP_DHS
rtluasde W_RTL_PRODUCT_ ATTR_DS
rtluasde W_RTL_PRODUCT_ ATTR_DS_TL
rtluasde W_RTL_CO_HEAD_ TP_LC_DY_FS
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rtluasde W_RTL_COUPON_ DS_TL
rtluasde W_RTL_PRODUCT_ BRAND_DS
rtluasde W_RTL_PRODUCT_ BRAND_DS_TL
rtluasde W_RTL_PRODUCT_ COLOR_DS
rtluasde W_RTL_PRODUCT_ IMAGE_DS
rtluasde W_RTL_PROMO_DS
rtluasde W_RTL_PROMO_ DS_TL
rtluasde W_RTL_CO_LINE_ FL_IT_LC_DY_FS
rtluasde W_RTL_PLAN2_PR OD2_LC2_T2_FS
rtluasde W_RTL_LOC_ TRAITS_DS_TL
rtluasde W_RTL_SEASON_ DS
rtluasde W_RTL_SEASON_ IT_DS
rtluasde W_RTL_SEASON_ PHASE_DS
rtluasde W_RTL_SLS_TRX_ IT_LC_DY_FS
rtluasde W_RTL_SLSFC_IT_ LC_DY_FS
rtluasde W_RTL_SLSFC_IT_ LC_WK_FS
rtluasde W_RTL_CO_LINE_ DS
rtluasde W_RTL_PLAN3_PR OD3_LC3_T3_FS
rtluasde W_RTL_MCAL_ DAY_SHIFT_DS
rtluasde W_RTL_SLSPK_IT_ LC_DY_FS
rtluasde W_RTL_SLSWF_IT_ LC_DY_FS
rtluasde W_RTL_STCKLDGR _SC_LC_MH_FS
rtluasde W_RTL_STCKLDGR _SC_LC_WK_FS
rtluasde W_RTL_SUPP_IVC_ PO_IT_FS
rtluasde W_RTL_SUPPCM_ IT_LC_DY_FS
rtluasde W_RTL_PRODUCT_ ATTR_IMG_DS
rtluasde W_RTL_PLAN4_PR OD4_LC4_T4_FS
rtluasde W_RTL_MCAL_ DAY_UNSHIFT_DS
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rtluasde W_RTL_SUPPLIER_ TRAIT_DS
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rtluasde W_RTL_PO_ONORD _IT_LC_DY_FS
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rtluasde W_RTL_MCAL_ WEEK_SHIFT_DS
rtluasde W_RTL_SLSDSC_ TRX_IT_LC_DY_FS
rtluasde W_RTL_TRX_TNDR _LC_DY_FS
rtluasde W_RTL_GCN_TRX_ LC_DY_FS
rtluasde W_RTL_ALC_ DETAILS_DS
rtluasde W_RTL_BUYER_DS
rtluasde W_RTL_COUPON_ DS
rtluasde W_RTL_INVU_IT_LC _DY_FS
rtluasde W_RTL_CFPCP_LC_ DY_FS
rtluasde W_RTL_MCAL_ WEEK_UNSHIFT_ DS
rtluasde W_RTL_PO_ DETAILS_DS
rtluasde W_CODE_DS
rabeuasde W_RTL_IT_LC_DEL_ TMP
rabeuasde W_RTL_ITEM_DEL_ TMP
rabeuasde W_RTL_RECLASS_ DP_GP_TMP
rabeuasde W_RTL_RECLASS_ IT_SC_CL_TMP
rabeuasde RA_SRC_CURR_ PARAM_G
rtluasde W_RTL_LFPCP_LC_ DY_FS
rtluasde W_RTL_CUST_LYL_ PROG_DS
rtlrdezip
delete_tab_stats
gather_db_stats
end night batch (dummy)