

Oracle® Retail Merchandising
Batch Schedule
Release 12.0.7

March 2008

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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 Price Management (RPM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Allocation

Note: Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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

Related Documents

For more information, see the following documents for the Oracle Retail Merchandising products:

- Oracle Retail Merchandising Implementation Guide
- Oracle Retail Merchandising System Operations Guide
- Oracle Retail Price Management Operations Guide
- Oracle Retail Invoice Matching Operations Guide
- Oracle Retail Data Warehouse Operations Guide
- Oracle Retail Predictive Application Server documentation
- Oracle Retail Demand Forecasting documentation

Customer Support

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When contacting Customer Support, please provide the following:

- Product version and program/module name
- 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

Conventions

Navigate: This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

Note: This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

This is a code sample
It is used to display examples of code

A hyperlink appears like this.

Introduction to Merchandising Batch Processing

This chapter is a brief introduction to Oracle Retail batch processing. It defines basic terms and concepts, describes batch processing phases, and explains how to interpret the batch schedule diagram and program list.

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 `posupld` 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 `storeadd` program updates a number of tables to create entries for a new store.

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 and Phases

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.

The batch schedule is a diagram that represents all batch programs and how they are sequenced. 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.

The total batch schedule is divided into phases. Each phase must be completed before the next phase can begin. Within a phase, there may also be programs that depend on the completion of another program within that phase, so programs within each phase may need to be run in a particular order.

Merchandising Batch Schedule

The integrated Merchandising batch schedule combines the batch schedules of all Merchandising applications into a single schedule diagram. The diagram (later in this document) shows the batch dependencies among the 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 Price Management (RPM)

Note: Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

Program List

The columns of the program list provide details about each batch program, as follows:

Column	Description
Program name	Name of the program or script
Functional area	Functional area of the application for which the batch program is run
Threaded	Whether the program is threaded (Y/N)
Driver	Program driver
Phase	Phase during which the program is run (see the batch schedule diagram)
Pre-dependency	Programs that must be completed before the program can be run
Post-dependency	Programs that must be run after the program completes successfully
Timing	How often the program is run (for example, daily, weekly, monthly, ad hoc)
Restart/Recovery	Whether the program uses restart/recovery (R=Yes, N=No)
Run Parameters for Program	Command syntax to run the program

For example, the following shows the information in the program list about an RMS phase 3 program named dealday:

Program Name	dealday
Functional Area	Deals
Threaded	Y
Driver	Location
Phase	3
Pre-dependency	dealinc, dealfinc, prepost dealday pre
Post-dependency	prepost dealday post, salmnth
Timing	Monthly
Restart/Recovery	R
Usage	dealday userid/passwd

The program list is grouped in the following order:

- RMS, RTM, and ReSA programs
- RPM programs
- ReIM programs
- RMS extracts for Retail Predictive Application Server (RPAS)
- RMS extracts for Retail Data Warehouse (RDW)

The extracts for RPAS and RDW are programs that are part of the RMS application.

Batch Schedule Diagram

The batch schedule diagram illustrates the program list pre- and post-dependency details. The layout and notations of the diagram also illustrate required sequences and other processing details. Executing the Merchandising batch processing in the manner diagrammed ensures that all critical dependencies are met.

For ease of setting up a schedule at client site, and also based on logical application dependencies, the diagram is divided into three main sections:

- RMS, RTM, ReIM
- ReSA
- RPM

Later chapters of this document show data flow diagrams for other batch processes:

- Chapter 4 shows the Retail Extract, Transform, and Load (RETL) data flows for the extracts from RMS to RPAS.
- Chapter 5 shows the RETL dimension and fact data flows for the extracts from RMS to Retail Data Warehouse (RDW).
- Chapter 6 shows the RETL data flow for the Promotion dimension extract from RPM to RDW.
- Chapter 7 shows the RETL data flow for the Supplier Invoice Cost dimension extract from ReIM to RDW.

RMS, ReIM, RTM Section

The first section diagrams the RMS, ReIM, and RTM programs and their dependencies. This section is further divided into phases 0 through 7, ad hoc, and date set batch.

Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

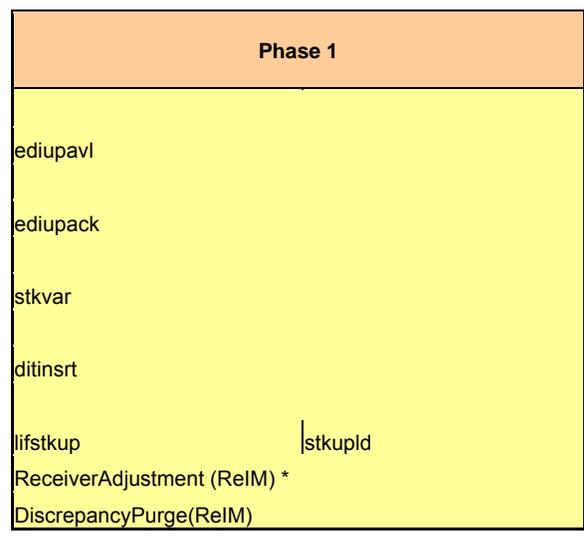
The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

Phase	Description
Phase 0	The first phase performs essential table maintenance including: <ul style="list-style-type: none"> ▪ Daily purges ▪ Updates to currency exchange rates ▪ Updates to value-added tax (VAT) data
Phase 1	This phase prepares the tables for interfacing with external systems in Phase 2. Among other programs, the stock variance (stkvar) batch program is run to update stock counts.
Phase 2	During this phase, information is uploaded from external interfaces, including point of sale (POS) data (posupld batch program).
Phase 3	In this phase, the main RMS processing programs are run for purchasing, ordering, stock ledger, deals, and replenishment.

Phase	Description
Phase 4	This phase pushes data to external sources. Changed system information is rebuilt. Open to buy (OTB) data is updated. Information is sent to the forecasting system.
Phase 5	This phase consists of ReIM process upload programs.
Phase 6	This phase consists of ReIM process roll-up programs.
Phase 7	This phase consists of ReIM process download programs.
Ad Hoc	Ad hoc batch programs can be run at any time. The ad hoc programs have no phase dependencies.
Date Set	The Date Set phase increments the system date and updates other calendar dates. Note: The date set phase should be the very last phase to run. Even the ad hoc programs should be run before the date set program.

Read the batch schedule diagram from left to right. In the following example, any of the programs (ediupavl, ediupack, stkvar, ditinsrt, lifstkup, ReceiverAdjustment, DiscrepancyPurge) can start at the same time; however, the stkupld program cannot start until the lifstkup program is successfully completed.

Sequence -----▶



ReSA Section

This section diagrams the ReSA programs and their dependencies.

RPM Section

This section diagrams the RPM programs and their dependencies.

Notations in the Batch Schedule Diagram

Pipes

Pipes are vertical bars (|) that represent the dependencies within a phase. Reading left to right, a pipe indicates that one or more programs to the right depend upon completion of one or more programs to the left.

In the following example, the `stkupld` module depends on the `lifstkup` module; that is, the `stkupld` module can be run only after successful completion of the `lifstkup` module.

<code>lifstkup</code>		<code>stkupld</code>
-----------------------	--	----------------------

In the following example, both of the modules `cntrordb` and `reqext` are dependent on `ociroq`. Neither `cntrordb` nor `reqext` can be run until the `ociroq` module has completed successfully.

<code>ociroq</code>		<code>cntrordb</code>
		<code>reqext</code>

In the following example, the `ibcalc` module is dependent on both `ibexpl` and `cntrprss`. The `ibcalc` module cannot be run until both `ibexpl` and `cntrprss` have completed successfully.

<code>ibexpl</code>		<code>ibcalc</code>
<code>cntrprss</code>		

Abbreviations

In the diagram, abbreviations in parentheses that follow program names have the following meanings:

Abbreviation	Meaning
(perl)	The module is a Perl script.
(FIF)	The module is related to the Financials application.
(sqlldr)	There is a sqlloader process to load/ftp the output files.
(rebuild all)	There is a rebuild process inside the application.
(IM)	The module is related to Invoice Matching but owned by RMS.
(RMS)	The module belongs to RMS.
(RMS)	(Bold type) The RMS module is executed externally to that phase.
(ReSA)	The module belongs to ReSA.
(ReSA)	(Bold type) The ReSA module is executed externally to that phase.
(ReIM)	The module belongs to ReIM.
(RTM)	The module belongs to RTM.
(Weekly)	The module is executed weekly.
(Monthly)	The module is executed monthly.
(Forms Auditing)	This is an online forms auditing process related to ReSA.

Footnotes

Footnote symbols (*, **, †, ‡) refer to footnotes that appear below that phase or section of the diagram.

prepost Program

The prepost program facilitates multi-threading by allowing general system administration functions (such as table deletions or mass updates) to be completed after all threads of a particular program have been processed. The prepost program must be run before, after, or both before and after, programs that require specific processing to run or complete successfully.

In the batch schedule diagram, the prepost program is indicated by “pre” and “post” entries, as in the following examples.

In the following example, pre-processing is required before running the ociroq program.

pre	ociroq
------------	---------------

In the following example, pre-processing is required before running the stkupd program. Also, post-processing is required after successful completion of the stkupd program.

pre	stkupd	post
------------	---------------	-------------

In the following example, post-processing is required after successful completion of the sccext program.

sccext	post
---------------	-------------

Modifications to the Batch Schedule

The integrated Merchandising batch schedule shows the dependencies for all the programs that *could* be run by a retailer. Based on many factors, there will always be some programs that a retailer does not run. Determining which programs, or groups of programs, are not required is a job that should be performed at implementation time.

One major factor involves the applications that the retailer has purchased and wants to install:

- For example, a retailer may have purchased RMS, but not ReIM; in this case, the ReIM programs would not be run.
- Another example is that a retailer may not want to use some functionality within an application. Perhaps a retailer purchased RMS but did not purchase the RDW application. In this case, the retailer may not want to run the programs that extract RMS data to be used later by the RDW application.

These major configuration choices also affect whether some programs are used:

- Whether the Retail Integration Bus (RIB) is used
For more information about configuring the RIB for Merchandising applications, see “Configuring RPM without the RIB” in the “Backend System Administration and Configuration” chapter of the Retail Price Management Operations Guide.
- Whether full-featured or simplified Retail Price Management (RPM) is used
For more information about configuring simplified RPM, see the “Backend System Administration and Configuration” chapter in the Retail Price Management Operations Guide.
- Whether full-featured or simplified RTM is used
For more information about configuring simplified RTM, see the “Oracle Retail Trade Management Batch” chapter in Volume 1 of the Retail Merchandising System Operations Guide.

RMS,RTM,ReSA Program Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
auditprg	Audit	N	N/A			N/A	daily	N	auditprg user/passwd
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys user/passwd
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script	prepost poscdnid post	daily	N	batch_orpos_extract.ksh [-p <no. of threads>] user/passwd [DIR - location where extracts are to be generated]
ccprg	Costing	N	N/A	ad hoc	'RPMtoORPOSPublishExport.sh'	N/A	monthly	N	ccprg user/passwd
cedrid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cedrid user/passwd broker_file_name
cmporg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmporg user/passwd
cmpupld	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmpupld user/passwd input_file reject_file
cntrmain	Contracting	N	N/A	0	N/A	All Replenishment modules	daily	R	cntrmain user/passwd
cntrordb	Contracting	Y	Contract Dept	3	rpjld	prepost cntrordb post	daily	R	cntrordb user/passwd
cntrprss	Contracting	Y	Dept	3	rpjst	prepost cntrprss post	daily	R	cntrprss user/passwd
costcalc	Deals	Y	Supplier	2	precostcalc	prepost costcalc post	daily	R	costcalc user/passwd supplier (May use the batch_costcalc.ksh for launching this program as it is created based on performance considerations)
cremhierdy	Reclassification	N	N/A	4	N/A	prepost cremhierdy post	daily	R	cremhierdy user/passwd
dealact	Deals	Y	Deal Id	3	prepost dealact_sales pre	N/A	daily	R	dealact user/passwd
dealcts	Deals	N	N/A	3	N/A	N/A	daily	R	dealcts user/passwd
dealday	Deals	Y	Location	3	prepost dealday pre	prepost dealday pos	monthly	R	dealday user/passwd
dealex	Deals	Y	Deal Id	3	precostcalc	dealinc	daily	N	dealex user/passwd
dealft	Deals	Y	Deal Id	3	prepost dealft pre	dealinc	daily	R	dealft user/passwd [Y/N - EOM processing ind]
dealinc	Deals	Y	Deal Id	3	dealact	dealact	weekly/ad hoc	R	dealinc user/passwd
dealprg	Deals	Y	Deal Id	3	prepost dealinc pre	salrmth (if monthly)	monthly	R	dealprg user/passwd [Y/N -EOM processing ind]
dealupld	Deals	N	N/A	ad hoc	N/A	(All other deals programs)	monthly	R	dealupld user/passwd
dftbld	Item Maintenance	Y	Dept	3	(This program is the first one in Deals batch)	(This program will likely be run after sales information is uploaded into Oracle Retail)	daily	R	dftbld user/passwd input_file reject_file
discoctbply	OTB	Y	Dept	4	ordscnt	(SQL*Load the output file)	daily	R	discoctbply user/passwd
distropcpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch/RPM'	N/A	daily	R	distropcpub user/passwd
ditnsrt	Deals	N	N/A	1	N/A	costcalc	daily	R	ditnsrt user/passwd (P or S = program is either run for deals set up by Partner or Supplier. appropriate calling script and passed into program. Note: (May use the batch_ditnsrt.ksh for launching this program as it is created based on performance considerations)
dyprg	Maintenance	N	N/A	0	N/A	(All other batch programs)	daily	N	dyprg user/passwd
docclose	Receiving	N	N/A	ad hoc	N/A	N/A	daily	R	docclose user/passwd
dtesys	Calendar	N	N/A	date_set	cycle)	prepost dtesys post	daily	N	dtesys user/passwd [ndate--YYYYMMDD format]
dummyscn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dummyscn user/passwd
edidact	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidact user/passwd eddadd_output edidact_catalog
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidcon user/passwd edidcon_outfile
edidlinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edidlinv user/passwd output_filename
edidord	Ordering	N	N/A	4	ordrev	(and after replenishment batch)	ad hoc	R	edidord user/passwd filename
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidprd pre	prepost edidprd pos	daily	R	edidprd user/passwd filename
ediprg	EDI Interface - Purge	N	N/A	ad hoc	N/A	(Towards the end of the batch cycle)	monthly	R	ediprg user/passwd
ediupadd	Maintenance	N	File-based	2	N/A	N/A	ad hoc	N	ediupadd user/passwd input_file reject_file
ediupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	ediupack user/passwd data_file reject_file
ediupavl	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	ediupavl user/passwd input_file reject_file
ediupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	ediupcat user/passwd ed_data_file error_fil
fcstprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstprg pre	prepost fcstprg post	daily	N	fcstprg user/passwd domain
fcstbrld	Forecasting	Y	Domain Id	3	N/A	prepost fcstbrld post	weekly	R	fcstbrld user/passwd
fcstbrld_sbc	Forecasting	Y	Domain Id	3	prepost fcstbrld post	N/A	weekly	R	fcstbrld_sbc user/passwd
fflgdn1	Financial Interface	Y	Dept	3	prepost fflgdn1 post	salapnd	daily	R	fflgdn1 user/passwd
fflgdn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	fflgdn2 user/passwd
fflgdn3	Financial Interface	Y	Store/Wh	3	salrmth	N/A	monthly	R	fflgdn3 user/passwd
fmredrid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	fmredrid user/passwd
gcupld	Misc Interface - Taxgeocode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	gcupld <username>/password@environment> <infile> <outfile>
genpreiss	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	genpreiss user/passwd
gradupld	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupld user/passwd input_file rej_fil
hstbld	Sales	Y	Location	3	prepost hstbld pre (for rebuild all)	prepost hstbld post	weekly	R	hstbld user/passwd level(weekly/rebuild)
hstbld_diff	Sales	N	N/A	ad hoc	hstbld	N/A	ad hoc	N	hstbld_diff user/passwd
hstbldmth	Sales	Y	Dept	3	posupld	prepost hstbldmth post	monthly	R	hstbldmth user/passwd level(monthly/rebuild)
hstbldmth_diff	Sales	N	N/A	ad hoc	N/A	N/A	ad hoc	R	hstbldmth_diff user/passwd
hstmthupd	Sales	Y	Location	3	(The program should be run on the last day of the month).	HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	monthly	R	hstmthupd user/passwd (out_file)
hstprg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstprg user/passwd
hstprg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstprg_diff user/passwd
hstwkupd	Sales	Y	Store/Wh	3	N/A	ITEM_LOC_HIST	weekly	R	hstwkupd user/passwd (out_file)
hstupld	Trade Management	Y	File-based	ad hoc	Hst240_to_2400 (perl script)	N/A	ad hoc	R	hstupld user/passwd input_file reject_file country_id ; perl hst_240_to_2400 inputfile outputfile ; perl ushts2rms inputfile outputfile rejectfile
ibcalc	Investment Buy	Y	Dept	3	prepost ibcalc pre	rpibld	daily	R	ibcalc user/passwd
ibexpt	Investment Buy	N	N/A	3	rpjst	ibcalc	daily	N	ibexpt user/passwd

invaprg	Inventory Adjustments	N	N/A	ad hoc	N/A	N/A	monthly	N	invaprg user/passwd
invclshp	Invoice Matching	N	N/A	2	N/A	N/A	daily	N	invclshp user/passwd
invprg	Invoice Matching	N	N/A	ad hoc	N/A	N/A	monthly	R	invprg user/passwd
icadnid	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	icadnid user/passwd output_file
iclibld	Maintenance - Location	N	N/A	ad hoc	storeadcd	N/A	monthly	R	iclibld user/passwd
lcmdnid	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmdnid user/passwd output_file
lcup798	Letter of Credit	N	N/A	2	lcm798 (perl script)	N/A	daily	R	lcup798 user/passwd input_file rej_file
lcupld	Letter of Credit	N	N/A	2	lcm730 (perl script)	N/A	daily	R	lcupld user/passwd input_file rej_file
lfsakup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stkupld	daily	N	lfsakup user/passwd input_file output_file
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadcd	prepost likestore pos	daily	R	likestore user/passwd
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrtv	daily	R	mrt user/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	N/A	ad hoc	R	mrtprg user/passwd
mrttv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd	daily	R	mrttv user/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttv	N/A	daily	R	mrtupd user/passwd
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwppurge user/passwd
nwpyearend	Stock Count	Y	Location	4	run on last day of yea	N/A	yearly	R	nwpyearend user/passwd
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq user/passwd
onictext	Planning System Interface	Y	Transfer	4	onordext	onordndid	weekly	R	onictext user/passwd datefil
onordndid	Planning System Interface	Y	Store/Wh	4	onictext	N/A	daily	R	onordndid user/passwd
onordext	Planning System Interface	Y	Order	4	prepost onordext pri	onictext	daily	R	onordext user/passwd datefil
ordautc	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautc user/passwd
orddsct	Deals	Y	Supplier	4	recldy	discothapply	daily	R	orddsct user/passwd
ordprg	Ordering	N	N/A	ad hoc	N/A	N/A	monthly	N	ordprg user/passwd
ordrev	Ordering	N	N/A	4	orddsct	edddford	daily	R	ordrev user/passwd
ordupd	Ordering	N	N/A	4	scoext	otbdnid	daily	N	ordupd user/passwd
otbdord	OTB	N	N/A	4	(After RPM pricing change extraction batch)	otbdord	daily	R	otbdord user/passwd output_file
otbdisal	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdisal user/passwd output_file
otbdnid	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdnid user/passwd output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld user/passwd input_file reject_file
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld user/passwd input_file reject_file
poscndid	Point of Sale Interface	N	N/A	4	posndid	prepost poscndid post	daily	R	poscndid user/passwd outputfil
posndid	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posndid post	daily	R	posndid user/passwd output_filename
pospgld	Point of Sale Interface	Y	N/A	4	recldy	N/A	daily	R	pospgld user/passwd output_file
posupld	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post	daily	R	posupld user/passwd infille vafille itemille lockfile
precostcalc	Deals	Y	Supplier	2	prepost precostcalc pre	costcalc	daily	R	precostcalc user/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)
prepost	Pre/post functionality	N	N/A	all phases	N/A	N/A	daily	N	prepost user/passwd program pre_or_pos
recldy	Item Maintenance	Y	Reclass no	4	cremhierdy	prepost recldy post	daily	R	recldy user/passwd process_modk
repladj	Replenishment	Y	Dept	3	rplatupd	rplext	daily	R	repladj user/passwd
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre	N/A	ad hoc	N	replsizeprofile user/passwd Y/N. (Y/N indicator indicates if allocations is installed or not, if installed pre job for this program has to be run prepost replsizeprofile pre)
reqext	Replenishment	Y	Partition (Item)	3	prepost ociroq pre	prepost reqext post	daily	R	reqext user/passwd partition_position (May use the batch_reqext.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	scoext	prepost rlmaint post	daily	R	rlmaint username/password
rplapprv	Replenishment	N	N/A	3	rplatupd	rplext	daily	R	rplapprv user/passwd
rplathistprg	Replenishment	N	N/A	ad hoc	prepost rplapprv pre	N/A	ad hoc	N	rplathistprg user/passwd (This batch may be run only if repl_attr_hist_retention_weeks in system_options table is set)
rplatupd	Replenishment	Y	Location	3	N/A	prepost rplatupd post	daily	R	rplatupd user/passwd
rpblid	Replenishment	Y	Supplier	3	replsizeprofile (if size profiles are used to setup replenishment)	repladj	daily	R	rpblid user/passwd
rplext	Replenishment	Y	Dept	3	prepost rplatupd pre	rplext	daily	R	rplext user/passwd dept (May use the batch_rplext.ksh for launching this program as it is created based on performance considerations)
rpbrg	Replenishment	N	N/A	ad hoc	ibcalc	repladj	daily	N	rpbrg user/passwd
rpbrg_month	Replenishment	N	N/A	ad hoc	rplex	repladj	daily	N	rpbrg_month user/passwd
rpsplit	Replenishment	Y	Supplier	3	repladj	repladj	daily	R	rpsplit user/passwd
rpmovavag	Pricing	Y	Store	3	reqext	repladj	daily	R	rpmovavag user/passwd business_date(YYYYMMDD) store(option)
rtvprg	RTV	N	N/A	ad hoc	cntrordb	repladj	monthly	N	rtvprg user/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	repladj	repladj	daily	N	sacrypt user/passwd infille outfile key_file e/d (Encryption/Decryption indicator) Note: outfile generated by batch is infille for saimplog.
saescheat	Sales Audit	N	N/A	SA	repladj	repladj	monthly	R	saescheat user/passwd
saexpach	Sales Audit	N	N/A	SA	repladj	repladj	daily	R	saexpach user/passwd
saexpgl	Sales Audit	N	N/A	SA	repladj	repladj	daily	R	saexpgl user/passwd
saexpim	Sales Audit	N	N/A	SA	repladj	repladj	daily	R	saexpim user/passwd
saexpndw	Sales Audit	Y	Store	SA	repladj	repladj	daily	R	saexpndw user/passwd ; perl resa2rdw inputfile outputfil
saexprms	Sales Audit	Y	Store	SA	repladj	repladj	daily	R	saexprms user/passwd

saexpuar	Sales Audit	N	N/A	SA	satotals sarules sapreexp	N/A	daily	R	saexpuar user/passwd
sagetref	Sales Audit	N	N/A	SA	sastdycr	saimptlog	daily	R	sagetref user/passwd itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile covall
saimpadj	Sales Audit	N	N/A	SA	saimptogin	satotals saprepost saimptlog post (Use sql Loader to load data into ReSA tables)	daily	R	storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile. (To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together). saimpadj user/passwd input_file rej_file
saimptlog	Sales Audit	Y	Store/Day	SA	sagetref saprepost saimptlog pre	saimptlog	daily	N	saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile covallfile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptogin	Sales Audit	N	N/A	SA	saimptlog savouch salstage figldn1	satotals	daily	R	saimptogin user/passwd store_day_file
salapnd	Stock Ledger	N	N/A	3	figldn2	N/A	daily	R	salapnd user/passwd
salldly	Stock Ledger	Y	Store/Wh	3	salstage	salweek	daily	R	salldly user/passwd
salech	Stock Ledger	Y	Dept	3	salmonth	N/A	half yearly	N	salech user/passwd
salins	Sales	0	N/A	ad hoc	N/A	N/A	daily	R	salins user/passwd
salmaint	Stock Ledger	N	N/A	ad hoc	salweek pre_dwi_extract.ksh(RMS to RDW RETL Extract)	N/A	half yearly	N	salmaint user/passwd pre_or_post
salmonth	Stock Ledger	Y	Dept	3	Extract	prepost salmonth post	monthly	R	salmonth user/passwd
salprg	Stock Ledger	N	N/A	ad hoc	N/A	salldly salapnd salweek deallct rpmovavg figldn1 figldn2	daily	N	salprg user/passwd
salstage	Stock Ledger	N	N/A	3	posupld saldly stkldly salapnd prepost salweek pre deallct dealinc vendinv	salmonth	daily	N	salstage user/passwd
salweek	Stock Ledger	Y	Dept	3	vendinv	prepost salweek post	weekly	R	salweek user/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process	(Before any SA export process	daily	R	sapreexp user/passwd
saprepost	Sales Audit	N	N/A	SA	N/A	N/A	daily	N	saprepost user/passwd program_pre_or_post
sapurge	Sales Audit	Y	Store	SA	saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	saprepost sapurge post sapreexp saescheat	daily	R	sapurge user/passwd deleted_items_file [optional list of store days to be deleted]
sarules	Sales Audit	N	N/A	SA	satotals (It should run before the DTESSYS batch program and before the next store/day's transactions are received)	saprepost sapurge post sapreexp saescheat	daily	R	sarules user/passwd store_no
sastdycr	Sales Audit	N	N/A	date_set	dteyss	daily	daily	R	sastdycr user/passwd [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saimptogin	sarules	daily	R	satotals user/passwd store_no
savouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process	saimptogin	daily	R	savouch user/passwd infile rejfile tendertype_file
scocext	Costing	Y	Cost change	3	costidex.ksh (RMS to RDW RETL extract)	prepost scocext post	daily	R	scocext user/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg user/passwd
sitmain	Item Maintenance	N	N/A	ad hoc	icribld	N/A	ad hoc	R	sitmain user/passwd
soutdnld	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soutdnld user/passwd
stkdlly	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdlly user/passwd
stkprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkprg post	monthly	N	stkprg user/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	stksupld	daily	R	stkschedxpld user/passwd
stksupld	Stock Ledger	Y	Location	3	stksupld	prepost stksupld post	daily	R	stksupld user/passwd
stksupld	Stock Ledger	Y	Dept	1	listkup	N/A	daily	R	stksupld user/passwd input_file reject_file
stksvar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stksvar user/passwd [report_file_name
stksxpld	Stock Ledger	Y	Dept	3	wasteadj	stksupld	daily	R	stksxpld user/passwd
stlgnld	Stock Ledger	Y	Dept	4	N/A	prepost vendinv post	weekly	R	stlgnld user/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	likestore	daily	R	storeadd user/passwd
supcnstr	Replenishment	N	N/A	3	rpibld	rpisplit	daily	R	supcnstr user/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth user/passwd
tamperctn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tamperctn user/passwd
tkctdnld	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tkctdnld user/passwd filename_print_online_ind days_in_advance [locator
tfposdn	Sales Tax	N	N/A	4	trposdn	prepost tfposdn post	daily	R	tfposdn user/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld user/passwd infile
tsfprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsfprg user/passwd
trxposdn	Point of Sale Interface	N	N/A	4	N/A	tfposdn	daily	R	trxposdn user/passwd
trrupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	trrupld username/password input_file reject_file
vatdkpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdkpl post	daily	R	vatdkpl user/passwd
vendinv	Deals	Y	Deal Id	3	deallct salstage(if daily) prepost vendinv pre	deallct salweek(if weekly) salmonth(if monthly)	daily	R	vendinv user/passwd
vendinvf	Deals	Y	Deal Id	3	salstage(if daily) prepost vendinvf pre	prepost vendinvf post salweek(if weekly) salmonth(if monthly)	daily	R	vendinvf user/passwd
vrpbld	Replenishment	Y	Supplier	2	ediupack	prepost vrpbld post	daily	R	vrpbld user/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stksupld	daily	R	wasteadj user/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	whadd user/passwd
whstrasg	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whstrasg post	daily	R	whstrasg user/passwd

RPM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
ItemReclassBatch	Future Retail	N	N/A	N/A	recldy(RMS)	NewItemLocBatch	daily/ad hoc	N	ItemReclassBatch.sh rpm-app-userid password
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveBatch PriceEventExecutionBatch	daily/ad hoc	N	NewItemLocBatch.sh rpm-app-userid password [status [error-commit-count]
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A		NewItemLocBatch LocationMoveBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A		PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A		PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-app-userid password
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-app-userid password
PriceStrategyCalendarBatch	Price Strategy	N		N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A		MerchExtractKickOffBatch PriceEventExecutionBatch storeadd (RMS)	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	WorksheetAutoApproveBatch PriceStrategyCalendarBatch MerchExtractKickOffBatch	N/A	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
RPMtoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch	N/A	daily	N	ksh RPMtoORPOSPublishBatch.sh <userid/passwd @sid > <log path> <error path>
RPMtoORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMtoORPOSPublishBatch.sh	N/A	daily	N	ksh RPMtoORPOSPublishExport.sh <userid/passwd @sid > <Number of slots> <logpath> <error path> <Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishBatch.sh rpm-app-userid password
regularPriceChangePublishExport	Regular Price Changes	N	Price event (item/loc)	N/A	RegularPriceChangePublishBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishExport.sh rpm-db-userid/pwd @ database [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishBatch.sh rpm-app-userid password
ClearancePriceChangePublishExport	Clearances	N	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishExport.sh rpm-db-userid/pwd @ database [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishBatch.sh rpm-app-userid password
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishExport.sh rpm-db-userid/pwd @ database [export-path]
PriceChangeAutoApproveResultsPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangeAutoApproveResultsPurgeBatch.sh rpm-app-userid password
PriceChangePurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangePurgeBatch.sh rpm-app-userid password
PriceChangePurgeWorkspaceBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangePurgeWorkspaceBatch.sh rpm-app-userid password
PromotionPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	promotionPurgeBatch.sh rpm-app-userid password
PurgeExpiredExecutedOrApprovedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeExpiredExecutedOrApprovedClearancesBatch.sh rpm-app-userid password
PurgeUnusedAndAbandonedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeUnusedAndAbandonedClearancesBatch.sh rpm-app-userid password
PurgeLocationMovesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeLocationMovesBatch.sh rpm-app-userid password
ZoneFutureRetailPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	zoneFutureRetailPurgeBatch.sh rpm-app-userid password
ItemLocDeleteBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	itemLocDeleteBatch.sh rpm-app-userid password
priceChangeAreaDifferentialBatch	Price Change	Y	N/A	N/A	N/A	N/A	ad hoc	N	priceChangeAreaDifferentialBatch rpm-app-userid password

ReIM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
AutoMatch	Invoice Matching (RelM)	Y	N/A	6	N/A	ReasonCodeActionRollup	daily	R	AutoMatch userid/passwd
BatchPurge	Invoice Matching (RelM)	N	N/A	0	N/A	ResolutionPosting	daily	R	BatchPurge userid/passwd
ComplexDealUpload	Invoice Matching (RelM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	AutoMatch	daily	R	ComplexDealUpload userid/passwd BlockSize PartitionNo
DiscrepancyPurge	Invoice Matching (RelM)	N	N/A	1	N/A	N/A	daily	R	DiscrepancyPurge userid/passwd
DisputedCreditMemoRollup	Invoice Matching (RelM)	N	N/A	6	ReasonCodeActionRollup	ResolutionPosting	daily	R	DisputedCreditMemoRollup userid/passwd
EdInvoiceUpload	Invoice Matching (RelM)	Y	N/A	5	eddlinv(RMS)	AutoMatch	daily	R	EdInvoiceUpload userid/passwd "EDI input file with path" "EDI reject file with path"
EdInvoiceDownload	Invoice Matching (RelM)	N	N/A	7	ResolutionPosting	N/A	daily	R	EdInvoiceDownload userid/passwd
FixedDealUpload	Invoice Matching (RelM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	AutoMatch	daily	R	FixedDealUpload userid/passwd BlockSize PartitionNo
ReasonCodeActionRollup	Invoice Matching (RelM)	N	N/A	6	AutoMatch	DisputedCreditMemoRollup	daily	R	ReasonCodeActionRollup userid/passwd
ReceiptWritecdt	Invoice Matching (RelM)	N	N/A	6	AutoMatch	N/A	daily	R	ReceiptWritecdt userid/passwd
ResolutionPosting	Invoice Matching (RelM)	N	N/A	6	ReasonCodeActionRollup	N/A	daily	R	ResolutionPosting userid/passwd

RMS to RPAS RETL Extracts Dependency and Scheduling Details (EXTRACTS_FOR_RPAS)

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A. This is a pre-setup script	N/A	daily	N	N/A
rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	run the extracts	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_attributes.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_daily_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_domain.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	recldy dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh recldy dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_stock_on_hand.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A

rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	storeadd dlyprg	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_suppliers.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh hstwkupd salweek	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_weekly_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh whadd dlyprg	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmsl_rpas_forecast.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	rmsl_rpas_forecast.ksh daily or weekly
rmsl_rpas_update_retl_date.ksh	Planning/Forecast System Interface	N	N/A	N/A	After all RMS/Planning System Integration RETL scripts are run	RETL scripts are run	Refer to RPAS Operations guide	daily	N	rmsl_rpas_update_retl_date.ksh CLOSED_ORDER or RECEIVED_QTY

**RMS to RDW RETL Extracts Dependency and Scheduling
Details (EXTRACTS FOR RDW)**

Dimension source: Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cdcdlex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptrex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptfmx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptfocex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmcydex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmplvex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
orgarax.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchanex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orgdisex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orglocex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orglolex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orgltrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
orgrgnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lctrbld (RMS)	Refer to RDW operations guide	daily	N	N/A
phasex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdclex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdcmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prddepx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddifex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddivex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddtypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdgrpex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdislex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prditmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prditmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prditmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prditmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsbcex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdualex.ksh	RDW interface	N	N/A	N/A	dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
regngpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
regntmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
rsnex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
seasnex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
subtrantypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
supctrex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
supsupex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptrmex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suprtrex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
indtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
litypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cmrptpcolidx.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	cmrptpcolidx.ksh output_file_path/output_file_name
cslsidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	cslsidex.ksh output_file_path/output_file_name
exchngratex.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	exchngratex.ksh output_file_path/output_file_name
invldidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS), ordrev (RMS)	Refer to RDW operations guide	daily	Y	invldidx.ksh output_file_path/output_file_name
ivallidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivallidx.ksh output_file_path/output_file_name
ivrcpldidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrcpldidx.ksh output_file_path/output_file_name
ivrlidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ivrlidex.ksh output_file_path/output_file_name
ivrlidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrlidex.ksh output_file_path/output_file_name
ivulidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivulidex.ksh output_file_path/output_file_name
lptotcdex.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotcdex.ksh output_file_path/output_file_name
lptotldex.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotldex.ksh output_file_path/output_file_name
ncstulidex.ksh	RDW interface	N	N/A	N/A	C, costcalc (RMS)	Refer to RDW operations guide	daily	N	ncstulidex.ksh output_file_path/output_file_name
post_dwi_temp.ksh	RDW interface	N	N/A	N/A	All extract batches	Refer to RDW operations guide	daily	N	N/A
prcolidx.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	prcolidx.ksh output_file_path/output_file_name
pre_dwi_extract.ksh	RDW interface	N	N/A	N/A	A	operations guide	daily	N	N/A
pre_dwi_temp.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	N/A
rpcolidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS) C, cntprss (RMS), edupavi (RMS).	Refer to RDW operations guide	daily	N	rpcolidx.ksh output_file_path/output_file_name
savidex.ksh	RDW interface	N	N/A	N/A	rlapprv (RMS)	Refer to RDW operations guide	daily	N	savidex.ksh output_file_path/output_file_name
scmioldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmioldex.ksh output_file_path/output_file_name
scmioldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmioldex.ksh output_file_path/output_file_name
scrtldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scrtldex.ksh output_file_path/output_file_name
scrtldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	Y	scrtldex.ksh output_file_path/output_file_name
scridex.ksh	RDW interface	N	N/A	N/A	C, rlapprv (RMS), cntprss (RMS), rpblid (RMS), cntmain (RMS).	Refer to RDW operations guide	daily	N	scridex.ksh output_file_path/output_file_name
scsidex.ksh	RDW interface	N	N/A	N/A	B, rmsl_rpas_forecast.ksh (RMS to RPAS extract)	Refer to RDW operations guide	daily	N	scsidex.ksh output_file_path/output_file_name
stclwex.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	Y	stclwex.ksh output_file_path/output_file_name
stldmex.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	stldmex.ksh output_file_path/output_file_name
stlmskndldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	stlmskndldex.ksh output_file_path/output_file_name
stlbtmthex.ksh	RDW interface	N	N/A	N/A	C, salmth (RMS)	Refer to RDW operations guide	daily	N	stlbtmthex.ksh output_file_path/output_file_name
stlbtwex.ksh	RDW interface	N	N/A	N/A	C, salweek (RMS)	Refer to RDW operations guide	daily	N	stlbtwex.ksh output_file_path/output_file_name
stldmex.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	stldmex.ksh output_file_path/output_file_name
vchreschdex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchreschdex.ksh output_file_path/output_file_name
vchrmoveldsgex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchrmoveldsgex.ksh output_file_path/output_file_name
vchroultxex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchroultxex.ksh output_file_path/output_file_name

Notes:
A is a set of batch processes on the RDW system.
A consists of the following RDW batch modules
factopendm.ksh
medfactopendm.ksh
factclosedm.ksh
mt_prime.ksh
B is pre_dwi_extract.ksh DWI batch process.
C is pre_dwi_temp.ksh DWI batch process.

Interface Diagrams for RMS and RPAS

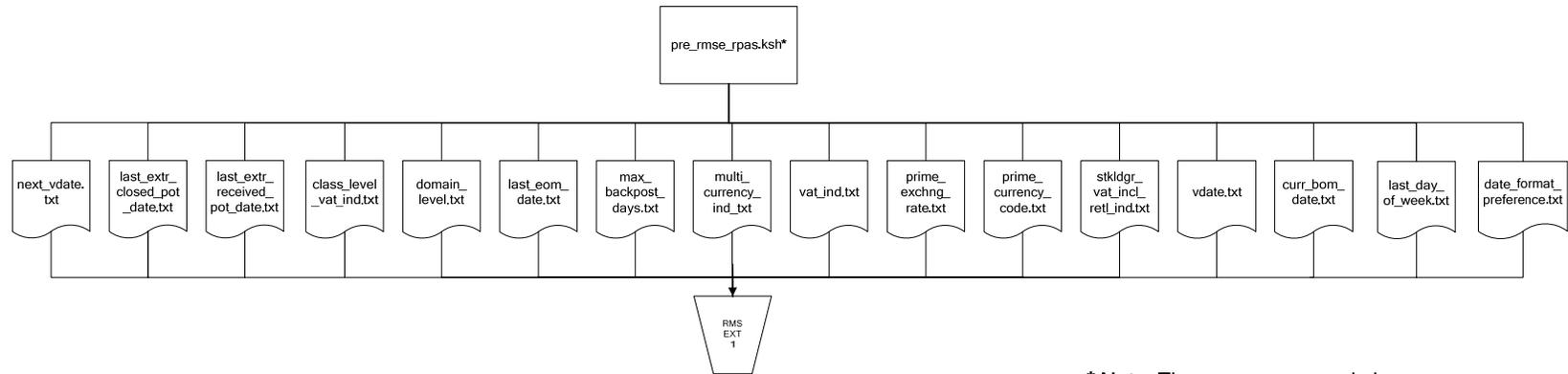
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

This chapter presents flow diagrams for data processing from sources. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. After initial interface processing of the source, the diagrams illustrate the flow of the data.

Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. Refer to the Retail Merchandising System Operations Guide for more information about these interface programs.

RMS Pre/Post Extract Diagrams

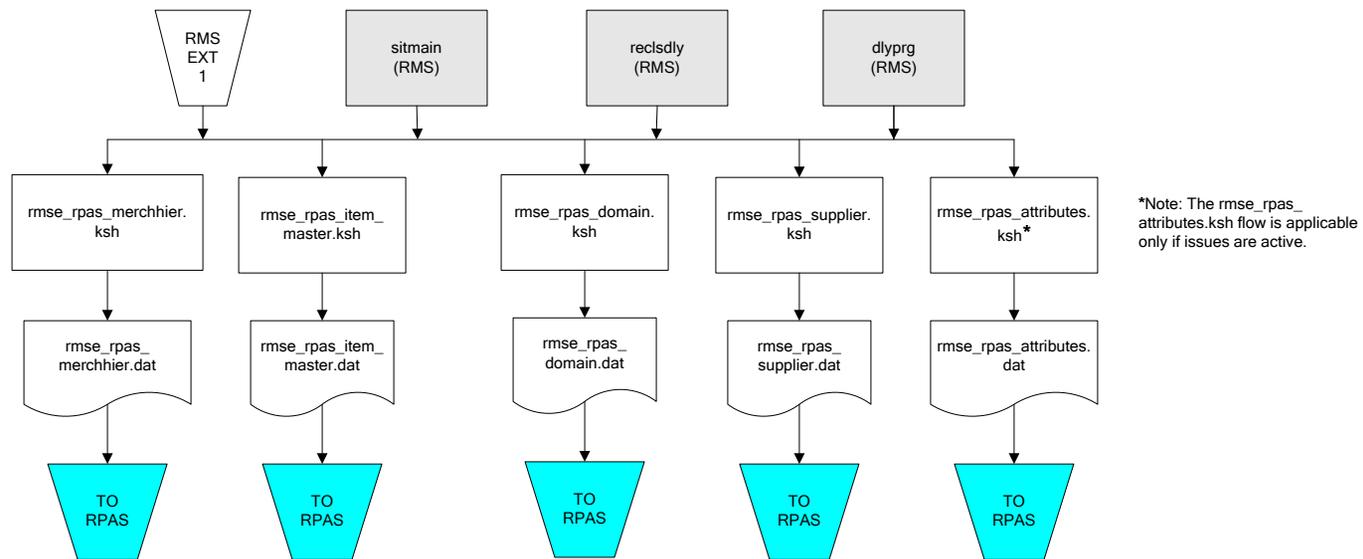
RMS Pre RETL Extract Maintenance



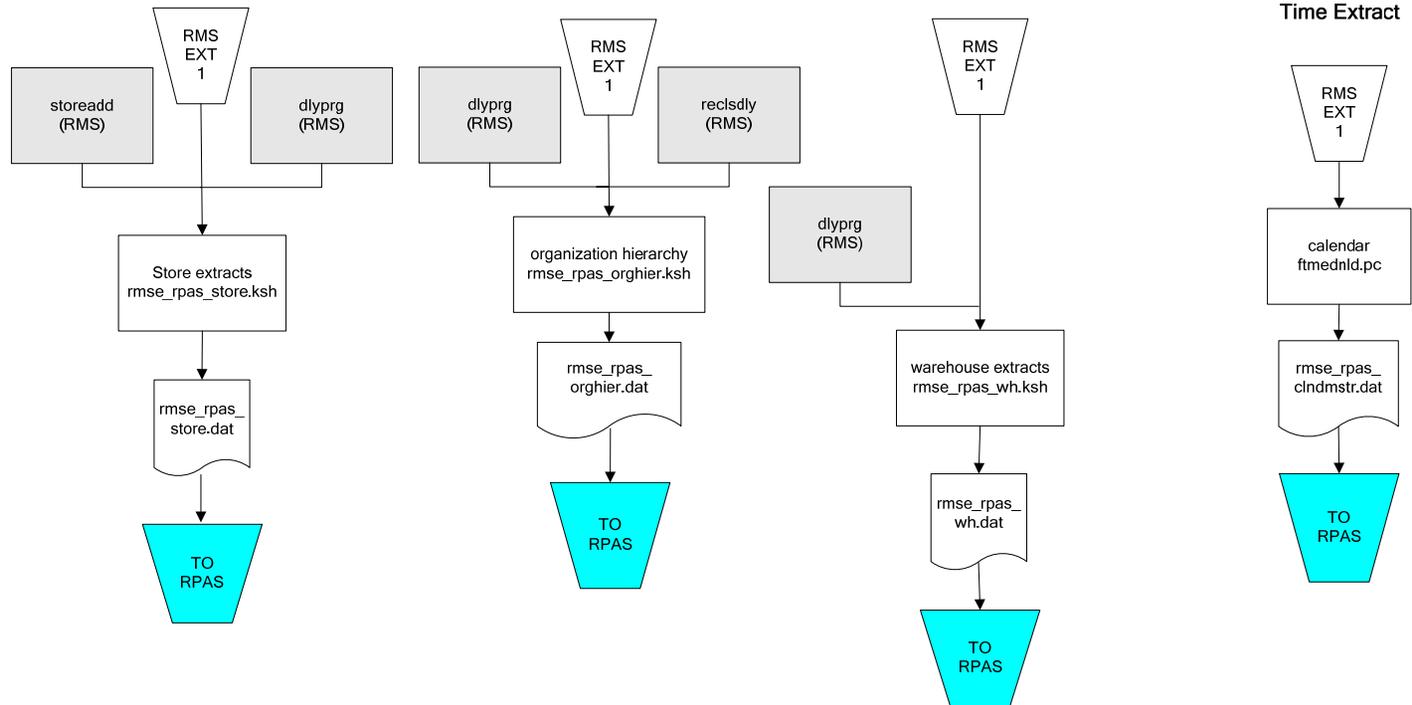
*** Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

RMS Foundation Data Extract Diagrams

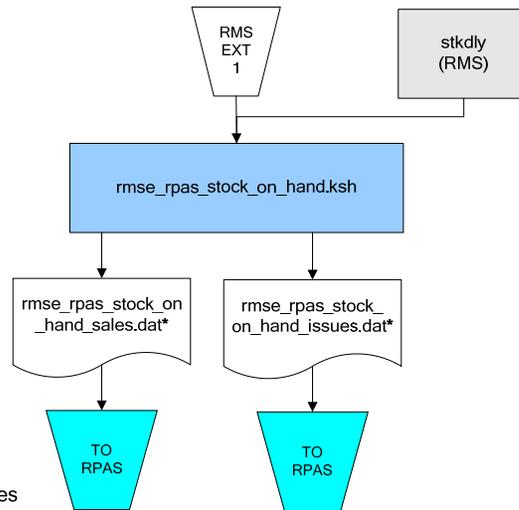
Merchandise Hierarchy for RPAS



Organization Hierarchy for RPAS



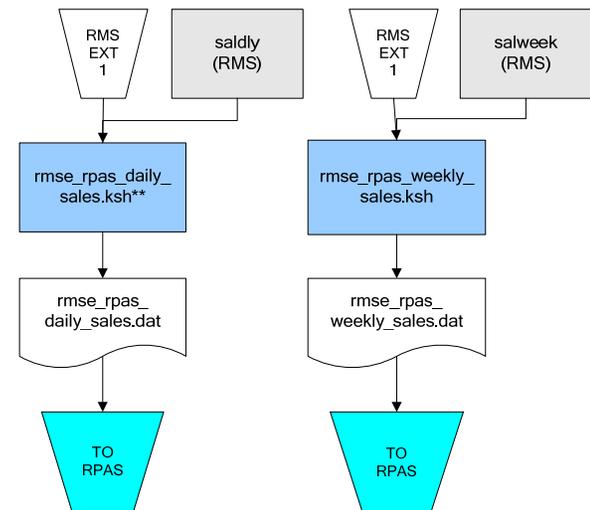
RMS Fact Data Extract Diagrams



*** Note:**
 If issues are active, the following two files result from the rmse_rpas_stock_on_hand.ksh flow:
 rmse_rpas_stock_on_hand_issues.dat
 rmse_rpas_stock_on_hand_sales.dat

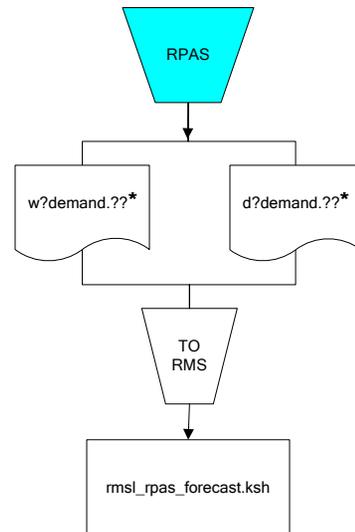
If issues are **not** active, the following file results from the rmse_rpas_stock_on_hand.ksh flow:
 rmse_rpas_stock_on_hand_sales.dat

Sales Extracts For RPAS



**** Note:**
 Depending upon the configuration of rmse_rpas_daily_sales.ksh, the data can be pulled from TRAN_DATA_HISTORY or TRAN_DATA.

RPAS-RMS Fact Load Diagram



***Note:**

? can represent the following:

- i (for issues)
- s (for stores)

?? represents domain 01-99.

Interface Diagrams for RMS and RDW

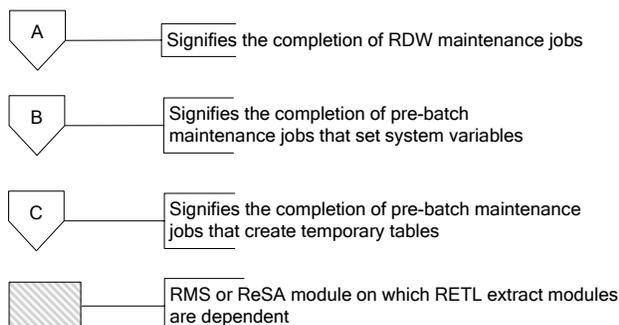
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing capabilities.

This chapter presents flow diagrams for the RETL extraction RMS programs. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. Note that the data flows are organized according to the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

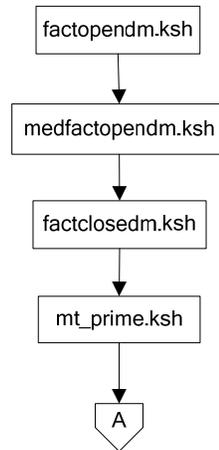
For summary information about the configuration, architecture, and features of RETL programs utilized in RMS/ReSA extractions, see the Oracle Retail Management System Operations Guide Volume 3 – Backend Configuration and Operations. For more information about the RETL tool, see the current RETL Programmer's Guide.

Legend

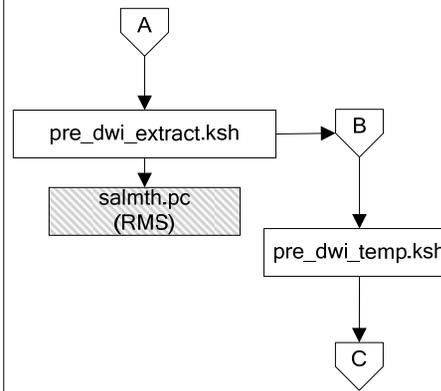


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

RDW Maintenance

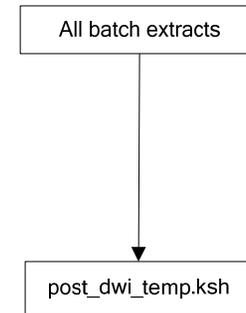


Pre-Batch Maintenance

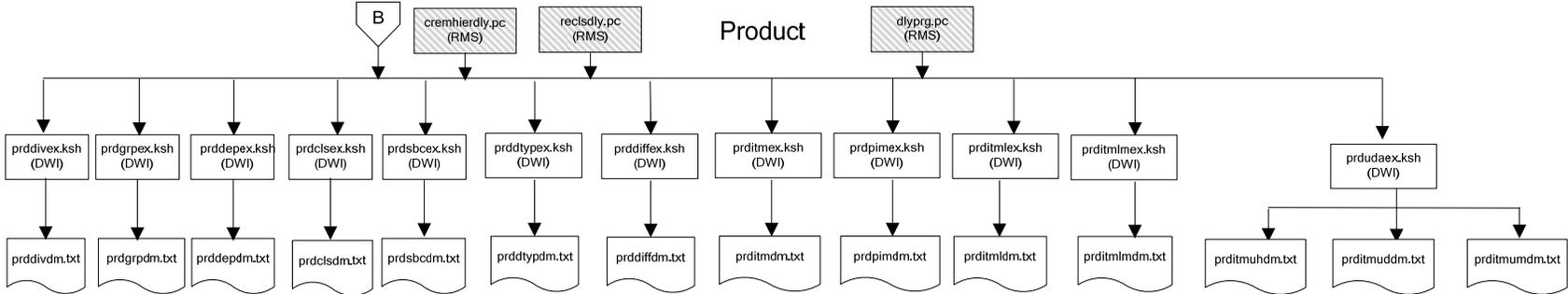


Note:
`salmth.pc` resets the last `eom_date`. Thus, it must be run after the system indicator is extracted by `pre_dwi_extract.ksh`.

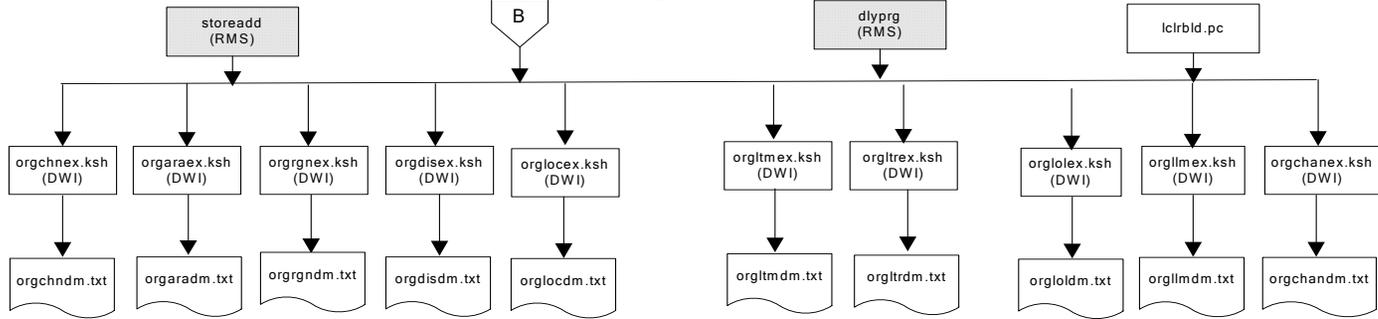
Post-Batch Maintenance



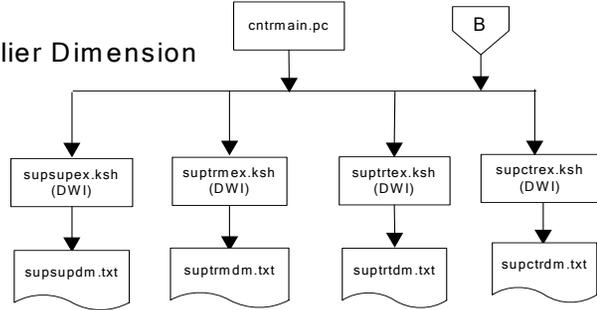
Dimension Dataflows



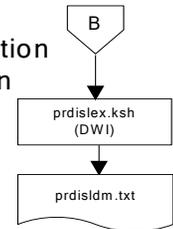
Dimension Dataflows



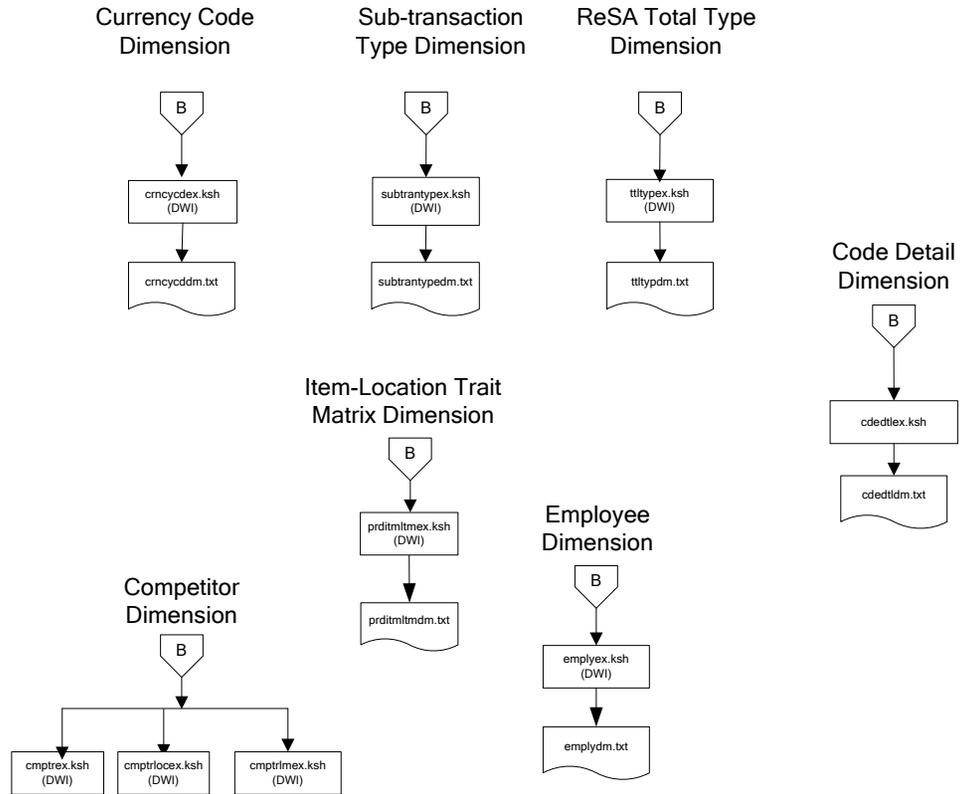
Supplier Dimension



Item-Supplier-Location Matrix Dimension

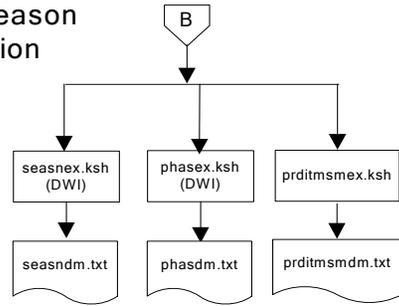


Dimension Dataflows

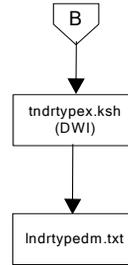


Dimension Dataflows

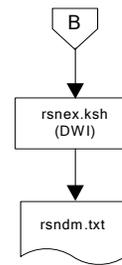
Product Season Dimension



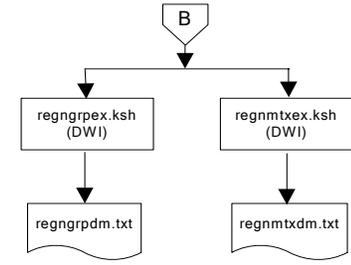
Tender Type Dimension



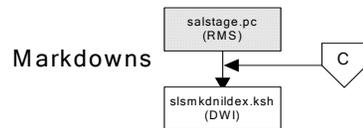
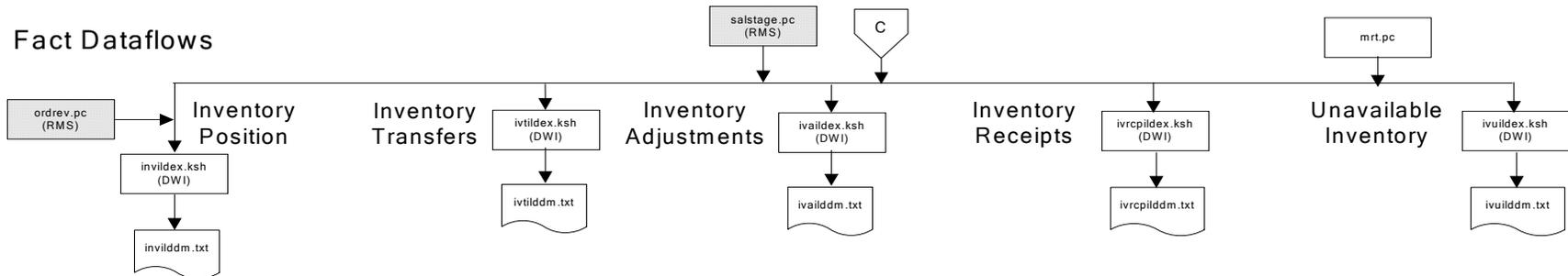
Reason Dimension



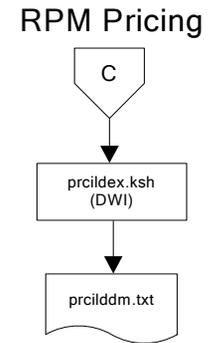
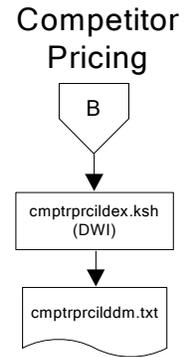
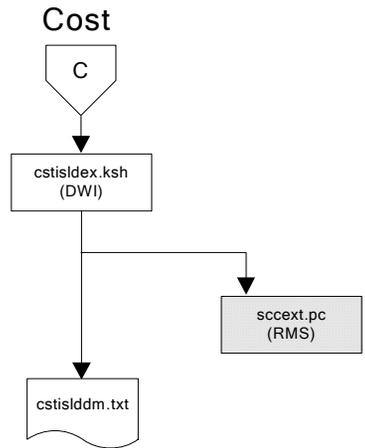
Regionality Dimension



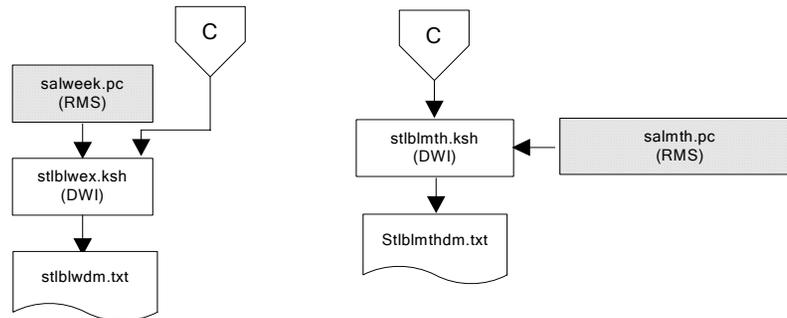
Fact Dataflows



Fact Dataflows

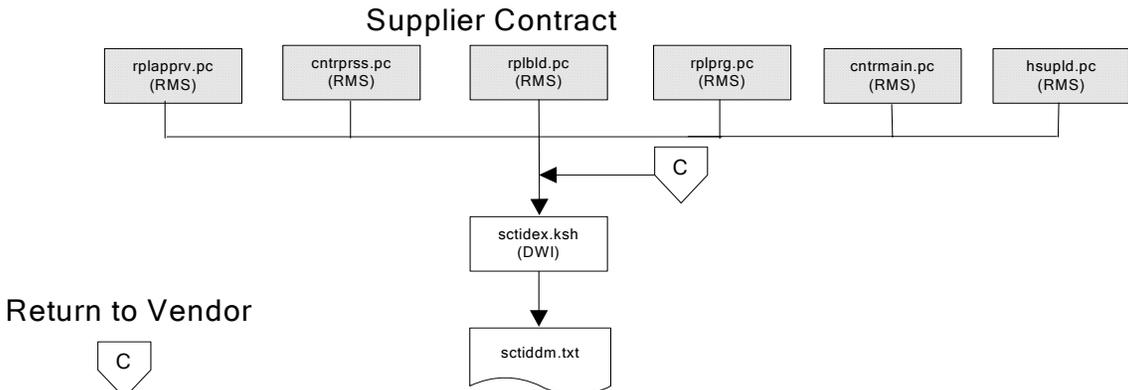
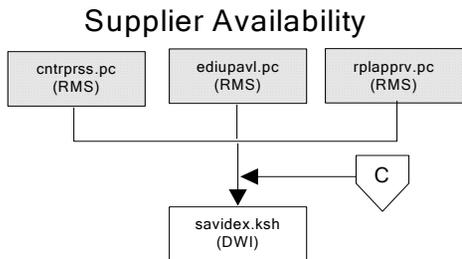


Stock Ledger

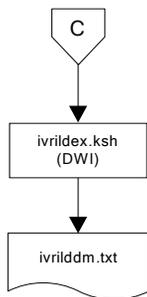


Note:
Run stock ledger fact loads once weekly.

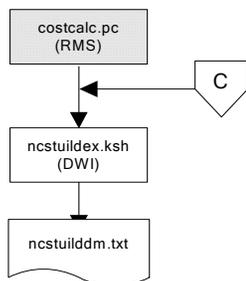
Fact Dataflows



Return to Vendor

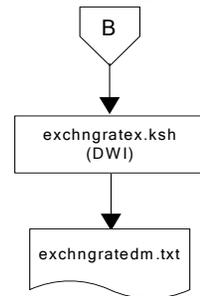


Net Cost

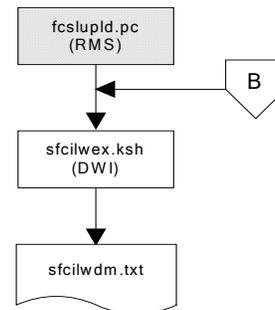


Fact Dataflows

Exchange Rates

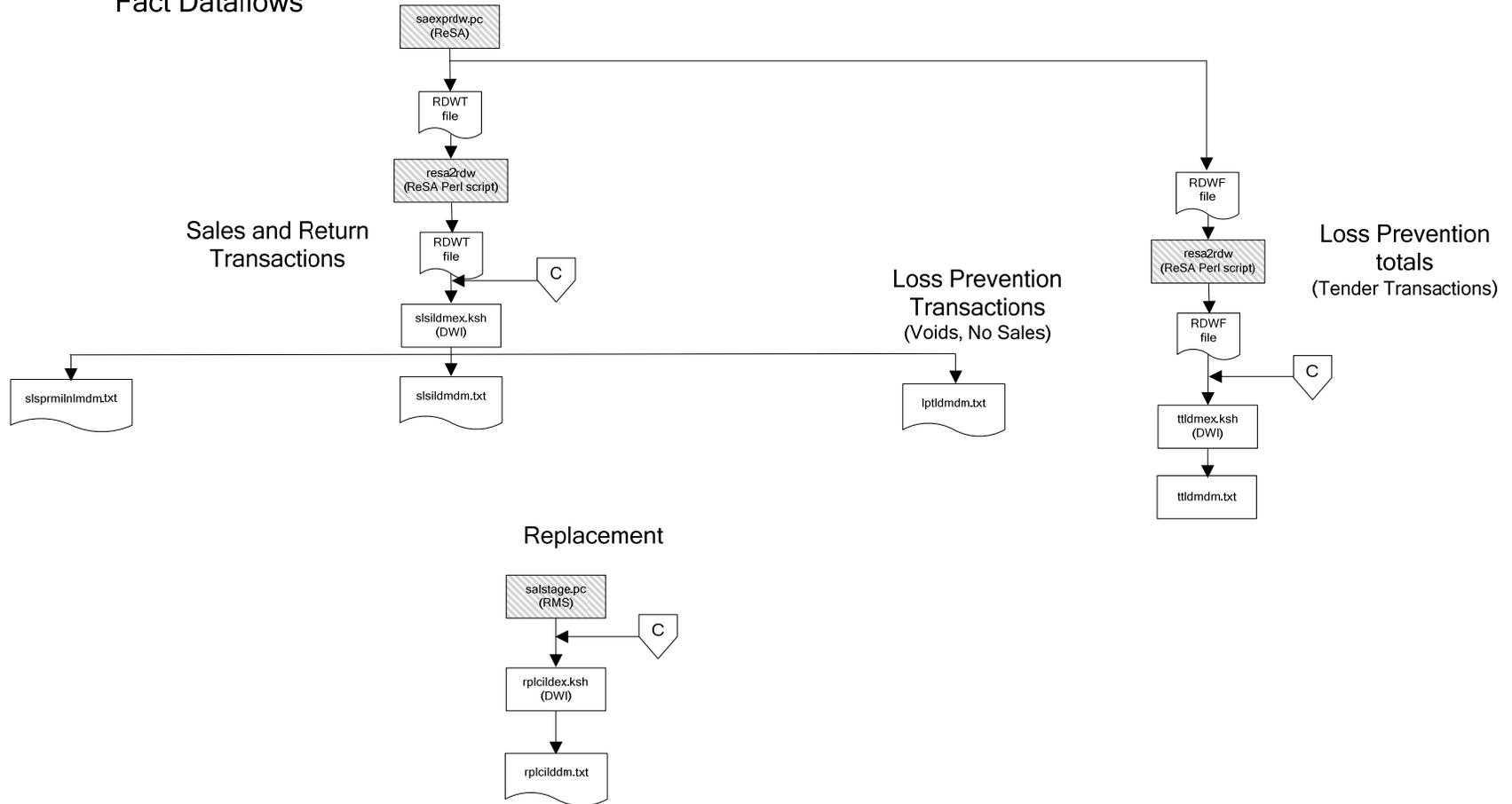


Sales Forecasts

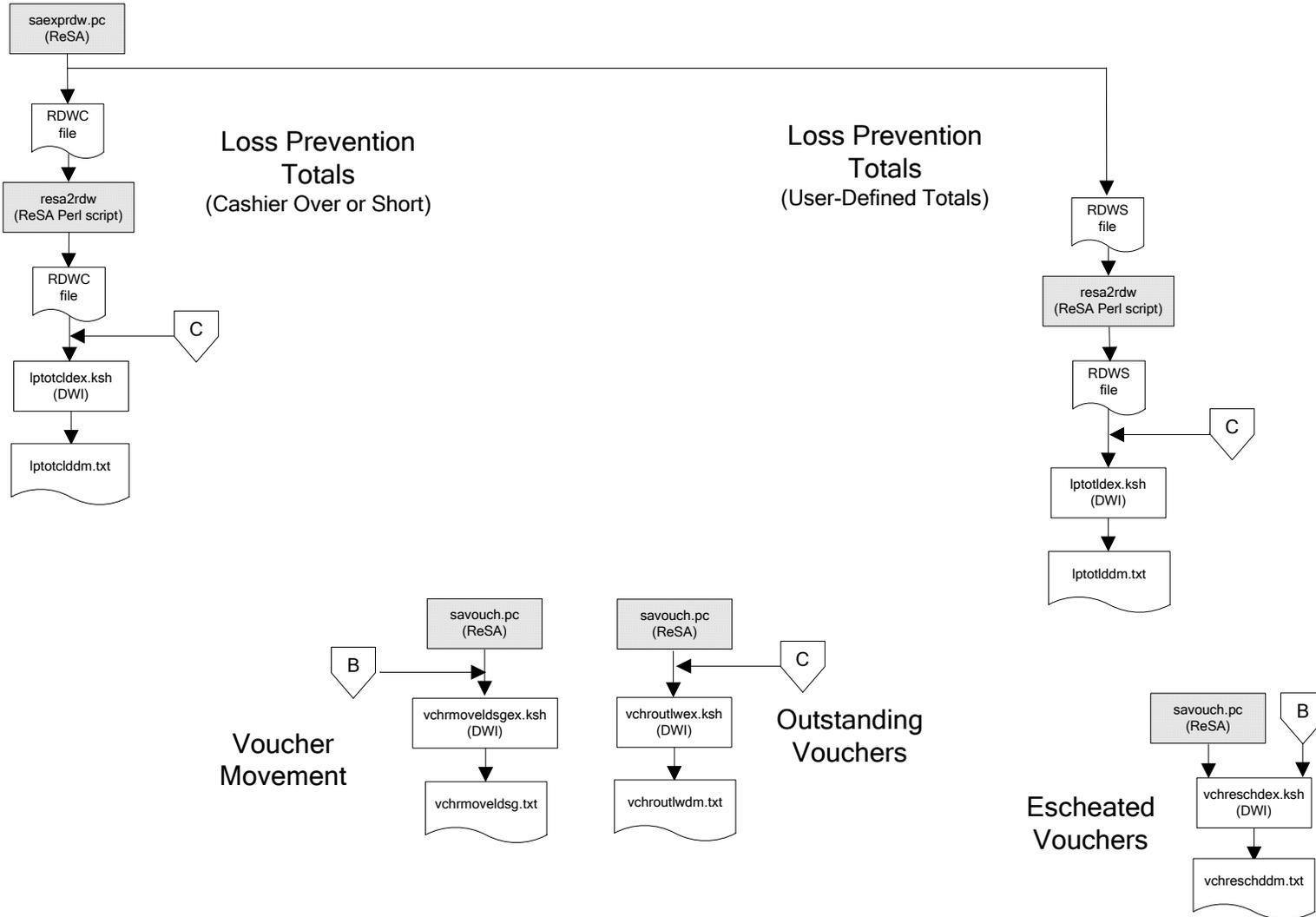


Note:
Run sales forecast fact loads
once weekly.

Fact Dataflows

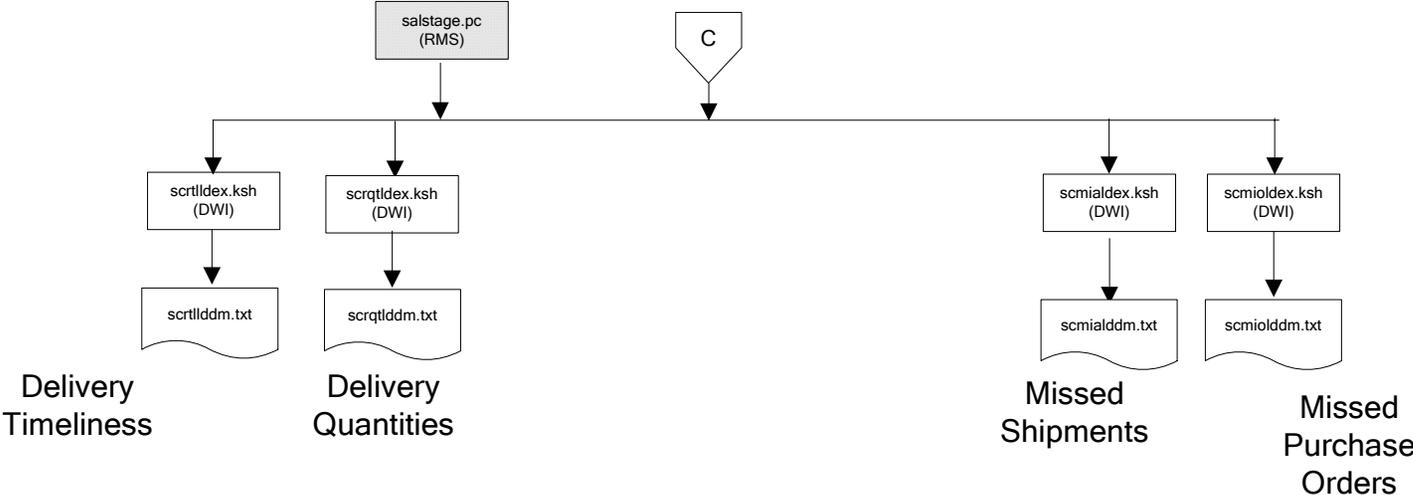


Fact Dataflows



Fact Dataflows

Supplier Compliance



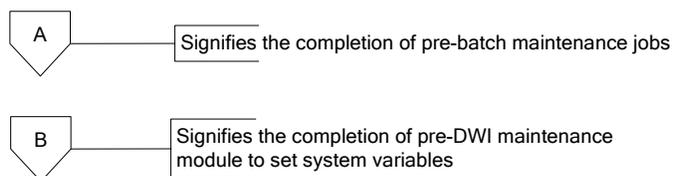
Interface Diagram for RPM and RDW

This following program flow diagram shows the RETL extraction program that extracts the Promotion dimension from RPM through the Data Warehouse Interface (DWI). The diagram shows the output files and the scripts that interface with the source. Note that the outputs are based on the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

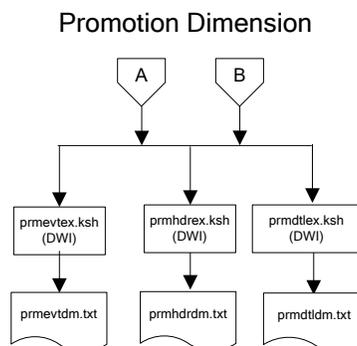
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

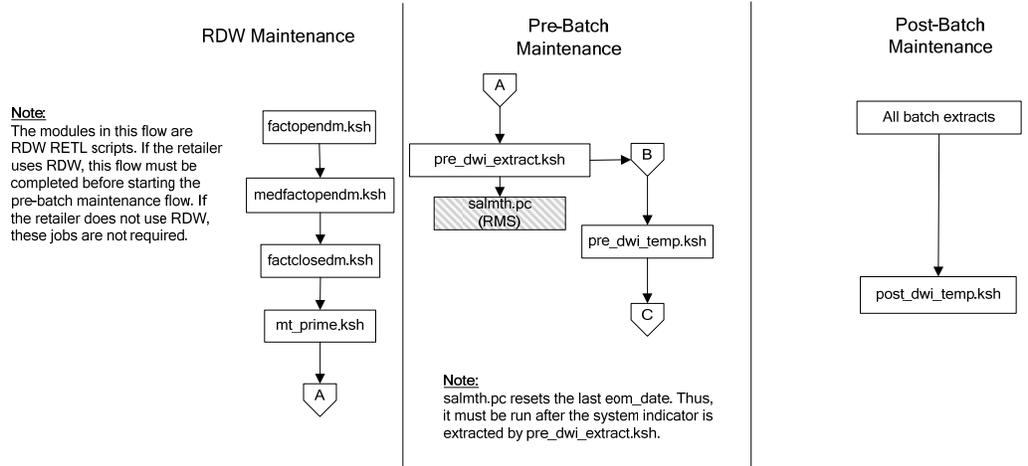
See the Retail Merchandising System Operations Guide Volume 1 – Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram





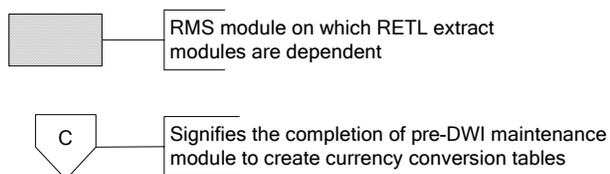
Interface Diagram for ReIM and RDW

This following program flow diagram shows the RETL extraction program that extracts the Promotion dimension from ReIM through the Data Warehouse Interface (DWI). The diagram shows the output files and the scripts that interface with the source. Note that the outputs are based on the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

See the Retail Merchandising System Operations Guide Volume 1 – Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram

Supplier Invoice Cost

