

Oracle® Retail Merchandising

Batch Schedule

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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.

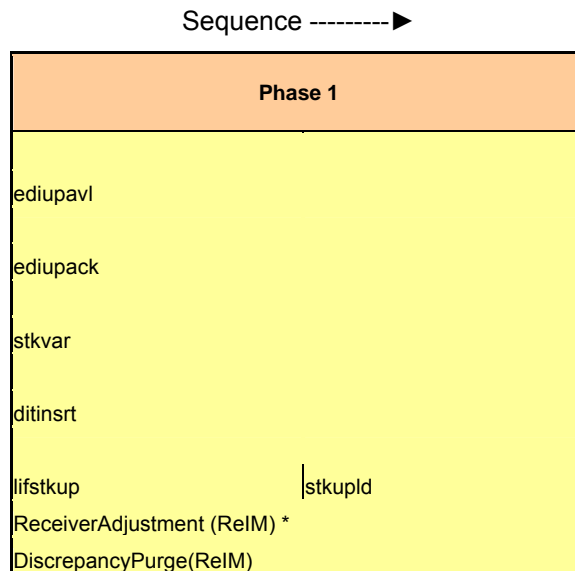
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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 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	Description
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.



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.

lifstkup	stkupld
----------	---------

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

ociroq	cntrrordb reqext
--------	---------------------

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.

ibexpl cntrprss	ibcalc
--------------------	--------

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	ad hoc	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_ornos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script	N/A	daily	N	batch_ornos_extract.ksh user/passwd [-p <no. of threads>] [DIR - location where extracts are to be generated]	
ccprg	Costing	N	N/A	ad hoc	RPMtoORPOSPublishExport.sh	N/A	monthly	N	ccprg user/passwd	
cednid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednid user/passwd broker_file_name	
cmpprg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmpprg 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	N	Contract	3	rladl	prepost cntrordb post	daily	R	cntrordb user/passwd	
cntrprss	Contracting	Y	Dept	3	rlpext	rlbid	daily	R	cntrprss user/passwd	
costcalc	Deals	Y	Supplier	2	dtinrst	prepost costcalc	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	precostcalc	reclsdly	daily	R	cremhierdy user/passwd	
deallact	Deals	Y	Deal Id	3	prepost deallact_nor pre	N/A	daily	R	deallact user/passwd	
dealcfs	Deals	N	N/A	3	prepost deallact_sales pre	N/A	daily	R	dealcfs user/passwd	
dealday	Deals	Y	Location	3	dealinc	prepost dealday pos	monthly	R	dealday user/passwd	
dealex	Deals	Y	Deal Id	3	precostcalc	dealcfs	daily	N	dealex user/passwd	
dealfct	Deals	Y	Deal Id	3	dealinc	reclsdly	daily	R	dealfct user/passwd [Y/N - EOM processing ind]	
dealfinc	Deals	Y	Deal Id	3	prepost dealfct pre	salmth	daily	R	dealfinc user/passwd	
dealinc	Deals	Y	Deal Id	3	deallact	dealfct	weekly/ad hoc	R	dealinc user/passwd	
dealprg	Deals	Y	Deal Id	3	deallact	dealfct	monthly	R	dealprg user/passwd [Y/N -EOM processing ind]	
dealupld	Deals	Y	File-based	ad hoc	prepost dealinc pre	salmth (if monthly)	monthly	R	dealupld user/passwd	
dfrtbd	Item Maintenance	Y	Dept	3	N/A	N/A	daily	R	dfrtbd user/passwd outfile	
disotbapply	OTB	Y	Dept	4	(This program is the first one in Deals batch (This program will likely be run after sales information is uploaded into Oracle Retail))	(All other deals programs)	daily	R	disotbapply user/passwd	
distrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	(SQL*Load the output file)	N/A	daily	R	distrocpub user/passwd	
dtinrst	Deals	N	N/A	1	ordscnt	costcalc	daily	R	dtinrst user/passwd (P or S) (supplier/partner). Partner or Supplier.	P or S = program is either run for deals set up by supplier/partner is selected by
dybrg	Maintenance	N	N/A	0	N/A	ordscnt	daily	N	dybrg user/passwd	appropriate calling script and passed into program. Note: (May use the batch_dtinrst.ksh for launching this program as it is created based on performance considerations)
dcclose	Receiving	N	N/A	ad hoc	N/A	N/A	daily	R	dcclose user/passwd	
dtesys	Calendar	N	N/A	date_set	(This program should run at the end of the batch cycle)	prepost dtesys post	daily	N	dtesys user/passwd [ndate-YYYYMMDD format]	
dummyctn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dummyctn user/passwd	
eddiadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	eddiadd user/passwd ediadd_output ediadd_catalo	
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidcon user/passwd edidcon_outfil	
edidlinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edidlinv user/passwd output_filename	
edidlord	Ordering	N	N/A	4	ordrev	N/A	ad hoc	R	edidlord user/passwd filename	
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	(and after replenishment batch)	N/A	daily	R	edidprd user/passwd filename	
edidprg	EDI Interface - Purge	N	N/A	ad hoc	prepost edidprd pre	prepost edidprd pos	monthly	R	edidprg user/passwd	
edidupack	Maintenance	N	File-based	2	(Towards the end of the batch cycle)	N/A	daily	N	edidupack user/passwd input_file reject_fil	
edupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	edupack user/passwd data_file reject_fil	
edupavl	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	edupavl user/passwd input_file reject_fil	
edupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	edupcat user/passwd edi_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	
ftfgdn1	Financial Interface	Y	Dept	3	prepost ftfgdn1 post	salapnd	daily	R	ftfgdn1 user/passwd	
ftfgdn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	ftfgdn2 user/passwd	
ftfgdn3	Financial Interface	Y	Store/Wh	3	salmth	N/A	monthly	R	ftfgdn3 user/passwd	
ftmednrd	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ftmednrd 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	
hsbtbd	Sales	Y	Location	3	posupld	prepost hsbtbd pre (for rebuild all)	weekly	R	hsbtbd user/passwd level/weekly/rebuild	
hsbtbd_diff	Sales	N	N/A	ad hoc	hsbtbd	N/A	ad hoc	N	hsbtbd_diff user/passwd	
hsbtbdmth	Sales	Y	Dept	3	prepost hsbtbdmth post	prepost hsbtbdmth post	monthly	R	hsbtbdmth user/passwd level(monthly/rebuild)	
hsbtbdmth_diff	Sales	N	N/A	ad hoc	posupld	prepost hsbtbdmth post	ad hoc	N	hsbtbdmth_diff user/passwd	
hstmthupd	Sales	Y	Location	3	(Run SQL*Loader using the control file hstmthupdctl to load data from the output file written by HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	N/A	monthly	R	hstmthupd user/passwd (out_file)	
hstrpg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrpg user/passwd	
hstrpg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrpg_diff user/passwd	
hstwkupd	Sales	Y	Store/Wh	3	Run SQL*Loader using the control file hstwkupdctl to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST	N/A	weekly	R	hstwkupd user/passwd (out_file)	
htsupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	ad hoc	R	htsupld user/passwd input_file reject_file country_id ; perl hts_240_to_2400 inputfile outfile ; perl ushts2rms inputfile rejectfile	
ibcalc	Investment Buy	Y	Dept	3	replex	rlbid	daily	R	ibcalc user/passwd	
ibexpl	Investment Buy	N	N/A	3	prepost ibcalc pre	ibcalc	daily	N	ibexpl user/passwd	
invaprg	Inventory Adjustments	N	N/A	ad hoc	rlpext	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	ordprg	N/A	monthly	R	invprg user/passwd	

lcadnld	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcadnld user/passwd output_file
lclbld	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lclbld user/passwd
lcmdssld	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmdssld 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
lfskdup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stkupld	daily	N	lfskdup user/passwd input_file output_file
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore pos	daily	R	likestore user/passwd
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv	daily	R	mrt user/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg user/passwd
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd	daily	R	mrttrv user/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	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 year	N/A	yearly	R	nwpyearend user/passwd
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq user/passwd
onordext	Planning System Interface	Y	Transfer	4	onordext	onorddnd	weekly	R	onordext user/passwd datefile
onordext	Planning System Interface	Y	Store/Wht	4	onordext	onordext	daily	R	onorddnd user/passwd
ordautcl	Planning System Interface	Y	Order	4	prepost onordext pri	onordext	daily	R	onordext user/passwd datefile
	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautcl user/passwd
					dtinrst				
orddscent	Deals	Y	Supplier	4	reclsdly	discontbapply	daily	R	orddscent user/passwd
ordprg	Ordering	N	N/A	ad hoc	N/A	invprg	monthly	N	ordprg user/passwd
ordrev	Ordering	N	N/A	4	orddscent	eddiord	daily	R	ordrev user/passwd
					sccont	otbdnd			
ordupd	Ordering	N	N/A	4	(After RPM pricing change extraction batch)	otbdnd	daily	N	ordupd user/passwd
otbdord	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdord user/passwd output_file
otbdisal	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdisal user/passwd output_file
otbdnd	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdnd user/passwd output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd
otbupfd	OTB	Y	File-based	N/A	N/A	N/A	daily	R	otbupfd 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
poscdnd	Point of Sale Interface	N	N/A	4	posndnd	prepost poscdnd post	daily	R	poscdnd user/passwd outputfile
posndnd	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posndnd post	daily	R	posndnd user/passwd output_filename
posgpdld	Point of Sale Interface	N	N/A	4	reclsdly	N/A	daily	R	posgpdld user/passwd output_file
						prepost posupld post			
posupld	Sales	Y	File-based	2	saexprms(ReSA)	salstage	daily	R	posupld user/passwd infile vaffile itemfile lockfile
precostcalc	Deals	Y	Supplier	2	dtinrst	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
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdy	prepost reclsdly post	daily	R	reclsdly user/passwd process_mode
repladj	Replenishment	Y	Dept	3	rplatupd	reqlt	daily	R	repladj user/passwd
					posupld				
					rplatupd				
					repladj				
					prepost ociroq pre				
reqlt	Replenishment	Y	Partition (Item)	3	ociroq	prepost reqlt post	daily	R	reqlt user/passwd partition_position (May use the batch_reqlt.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	storeadd	prepost rlmaint post	daily	R	rlmaint username/password
					rplatupd				
					rlplst				
rplapprv	Replenishment	N	N/A	3	supcnstr	N/A	daily	R	rplapprv user/passwd
					prepost rplapprv pre				
						prepost rplatupd post			
rplatupd	Replenishment	Y	Location	3	prepost rplatupd pre	repladj	daily	R	rplatupd user/passwd
					ibcalc				
					rplext				
					cntrprss				
rpblld	Replenishment	Y	Supplier	3	vrplbld	supcnstr	daily	R	rpblld username/password
					ibexpl	prepost rplext post			
					prepost rpl pre	cntrprss(if contracting is used, otherwise run ...			
					rplatupd				
					rlmaint				
					repladj				
					reqlt				
					cntrordb				
rplext	Replenishment	Y	Dept	3	rpblld)	ibcalc	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	N/A	rpblld)	daily	N	rpbrg user/passwd
rpbrg_month	Replenishment	N	N/A	ad hoc	N/A	N/A	monthly	N	rpbrg_month user/passwd
rpplst	Replenishment	Y	Supplier	3	supcnstr	rplapprv	daily	R	rpplst user/passwd
rpmovavg	Pricing	Y	Store	3	salstage	N/A	daily	R	rpmovavg user/passwd business_date(YYYYMMDD) store(optiona
rvprg	RTV	N	N/A	ad hoc	N/A	N/A	monthly	N	rvprg user/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	sagetref	N/A	daily	N	sacrypt user/passwd infile outfile key_file e/d (Encryption/Decryption indicato
saescheat	Sales Audit	N	N/A	SA	satotals	saexpim	monthly	R	Note: outfile generated by batch is infile for saimplog.
					saules	sapurge			saescheat user/passwd
saexpach	Sales Audit	N	N/A	SA	sapreexp	N/A	daily	R	saexpach user/passwd
					satotals				
saexpgl	Sales Audit	N	N/A	SA	saules	N/A	daily	R	saexpgl user/passwd
					sapreexp				
saexpim	Sales Audit	N	N/A	SA	sapreexp	N/A	daily	R	saexpim user/passwd
saexpndw	Sales Audit	Y	Store	SA	saescheat	resa2rdw(perl script)	daily	R	saexpndw user/passwd ; perl resa2rdw.inputfile outputfile
					sapreexp				
					satotals				
saexprms	Sales Audit	Y	Store	SA	saules	saprepost saexprms post	daily	R	saexprms user/passwd
					sapreexp				
saexpuar	Sales Audit	N	N/A	SA	satotals	N/A	daily	R	saexpuar user/passwd
					sapreexp				
sagetref	Sales Audit	N	N/A	SA	sastdyr		daily	R	sagetref user/passwd itemfile wastefile ref_itemfile prim_varianfile varupfile storedayfile codesfile errorfile covall
saimpadj	Sales Audit	N	N/A	SA	saimplogfn	saimplog	daily	R	saescheat user/passwd itemfile wastefile ref_itemfile prim_varianfile varupfile storedayfile codesfile errorfile covall
						satotals	daily	R	saescheat user/passwd itemfile wastefile ref_itemfile prim_varianfile varupfile storedayfile codesfile errorfile covall
							daily	R	saescheat user/passwd itemfile wastefile ref_itemfile prim_varianfile varupfile storedayfile codesfile errorfile covall

saimptlog	Sales Audit	Y	Store/Day	SA	sagetref	saprepost saimptlog post (Use sql Loader to load data into ReSA tables)	daily	N	saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile covallfile storposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogfin	Sales Audit	N	N/A	SA	saimptlog savouch salstage iflgldn1	satotals	daily	R	saimptlogfin userid/passwd store_day_file
salapnd	Stock Ledger	N	N/A	3	iflgldn2	N/A	daily	R	salapnd userid/passwd
salidy	Stock Ledger	Y	Store/Wh	3	salstage	salweek	daily	R	salidy userid/passwd
saleoh	Stock Ledger	Y	Dept	3	salmth	N/A	half yearly	N	saleoh userid/passwd
salins	Sales	N	N/A	0	N/A	N/A	daily	R	salins userid/passwd
salmaint	Stock Ledger	N	N/A	ad hoc	N/A salweek	N/A	half yearly	N	salmaint userid/passwd pre_or_post
salmth	Stock Ledger	Y	Dept	3	pre_dwi_extract.ksh(RMS to RDW RETL Extract)	prepost salmth post	monthly	R	salmth userid/passwd
salprg	Stock Ledger	N	N/A	ad hoc	N/A	salidy salapnd salweek deallct rpmovavg iflgldn1 iflgldn2	daily	N	salprg userid/passwd
salstage	Stock Ledger	N	N/A	3	posupld salidy stkdy salapnd prepost salweek pre deallct desalnc vendinvc vendinvf SA audit process	salstage salweek deallct rpmovavg iflgldn1 iflgldn2	daily	N	salstage userid/passwd
salweek	Stock Ledger	Y	Dept	3	vendinvf	salmth	weekly	R	salweek userid/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process	prepost salweek post (Before any SA export process	daily	R	sapreexp userid/passwd
saprepost	Sales Audit	N	N/A	SA	saprepost saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	N/A	daily	N	saprepost userid/passwd program_pre_or_pos
sapurge	Sales Audit	Y	Store	SA	saprepost sapurge post	saprepost sapurge post	daily	R	sapurge userid/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 DTESYS batch program and before the next store/day's transactions are received)	sarules saescheat	daily	R	sarules userid/passwd store_no
sastdyrc	Sales Audit	N	N/A	date_set	SA	dtesys	daily	R	sastdyrc userid/passwd [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saimptlogfin	satotals	daily	R	satotals userid/passwd store_no
savouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process	saimptlogfin	daily	R	savouch userid/passwd infile rejfile tendertype_fil
scoext	Costing	Y	Cost change	3	costidex.ksh (RMS to RDW RETL extract)	prepost scoext post	daily	R	scoext userid/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg userid/passwd
sitmain	Item Maintenance	N	N/A	ad hoc	icrbld	N/A	ad hoc	R	sitmain userid/passwd
soutdnld	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soutdnld userid/passwd
stkdy	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdy userid/passwd
stkgprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkgprg post	monthly	N	stkgprg userid/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	stkgxpld	daily	R	stkschedxpld userid/passwd
stkupd	Stock Ledger	Y	Location	3	prepost stkupd pre	prepost stkupd post	daily	R	stkupd userid/passwd
stkupld	Stock Ledger	Y	Dept	1	stkupld	stkupld	daily	R	stkupld userid/passwd input_file reject_fil
stkvar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stkvar userid/passwd [report_file_name
stkgxpld	Stock Ledger	Y	Dept	3	stkschedxpld	stkgxpld	daily	R	stkgxpld userid/passwd
stlgnld	Stock Ledger	Y	Dept	4	N/A	N/A	weekly	R	stlgnld userid/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	likestore	daily	R	storeadd userid/passwd
supcnstr	Replenishment	N	N/A	3	rpbltd	rpbltd	daily	R	supcnstr userid/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth userid/passwd
tampsectn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tampsectn userid/passwd
tkctdnld	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tkctdnld userid/passwd filename print_online_and days_in_advance [locator
tfiposdn	Sales Tax	N	N/A	4	txrposdn	prepost tfiposdn post	daily	R	tfiposdn userid/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld userid/passwd infile
tsprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsprg userid/passwd
tzrposdn	Point of Sale Interface	N	N/A	4	N/A	tfiposdn	daily	R	tzrposdn userid/passwd
txrupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	txrupld username/passwd input_file reject_fil
vatdxpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdxpl pos	daily	R	vatdxpl userid/passwd
vendinvc	Deals	Y	Deal Id	3	deallact salstage(if daily) prepost vendinvc pre	prepost vendinvc post salweek(if weekly) salmth (if monthly) prepost vendinvf post	daily	R	vendinvc userid/passwd
vendinvf	Deals	Y	Deal Id	3	salstage(if daily) prepost vendinvf pre	salweek(if weekly) salmth (if monthly) prepost vrbld post	daily	R	vendinvf userid/passwd
vrpbld	Replenishment	Y	Supplier	2	edupack	prepost vrbld post	daily	R	vrpbld userid/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stkupd	daily	R	wasteadj userid/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	whadd userid/passwd
whstrasg	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whstrasg post	daily	R	whstrasg userid/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	recsldy(RMS)	NewItemLocBatch	daily/ad hoc	N	ItemReclassBatch.sh rpm-app-userid password
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveBatch	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	PriceEventExecutionBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	LocationMoveBatch	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS)	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	Pricing	N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	N/A	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	PriceEventExecutionBatch storeadd (RMS)	N/A	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
RPMtoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch MerchExtractKickOffBatch	N/A	daily	N	ksh RPMtoORPOSPublishBatch.sh <userid/password@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/password@sid > <Numberof 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	ClearancePriceChangePublishExport	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	PromotionPriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	N/A	daily/ad hoc	N	promotionPriceChangePublishBatch.sh rpm-app-userid password
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	N/A	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 (ReIM)	Y	N/A	6	TermsRankingService	ReasonCodeActionRollup	daily	R	AutoMatch userid/password
BatchPurge	Invoice Matching (ReIM)	N	N/A	0	N/A	ResolutionPosting	daily	R	BatchPurge userid/password
ComplexDealUpload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	AutoMatch	daily	R	ComplexDealUpload userid/password BlockSize PartitionNo
DiscrepancyPurge	Invoice Matching (ReIM)	N	N/A	1	N/A	N/A	daily	R	DiscrepancyPurge userid/password
DisputedCreditMemoRollup	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup	ResolutionPosting	daily	R	DisputedCreditMemoRollup userid/password
EdiInvoiceUpload	Invoice Matching (ReIM)	Y	N/A	5	edilinv(RMS)	AutoMatch	daily	R	EdiInvoiceUpload userid/password "EDI input file with path" "EDI reject file with path"
EdiInvoiceDownload	Invoice Matching (ReIM)	N	N/A	7	ResolutionPosting	N/A	daily	R	EdiInvoiceDownload userid/password
FixedDealUpload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	AutoMatch	daily	R	FixedDealUpload userid/password BlockSize PartitionNo
ReasonCodeActionRollup	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	DisputedCreditMemoRollup	daily	R	ReasonCodeActionRollup userid/password
ReceiptWriteoff	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	ResolutionPosting	daily	R	ReceiptWriteoff userid/password
ReceiverAdjustment	Invoice Matching (ReIM)	N	N/A	1	EdiInvoiceUpload	ReasonCodeActionRollup	daily	R	ReceiverAdjustment userid/password
ResolutionPosting	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup	N/A	daily	R	ResolutionPosting userid/password
TermsRankingService	Invoice Matching (ReIM)	N	N/A	6	DisputedCreditMemoRollup	AutoMatch	monthly	R	TermsRankingService userid/password

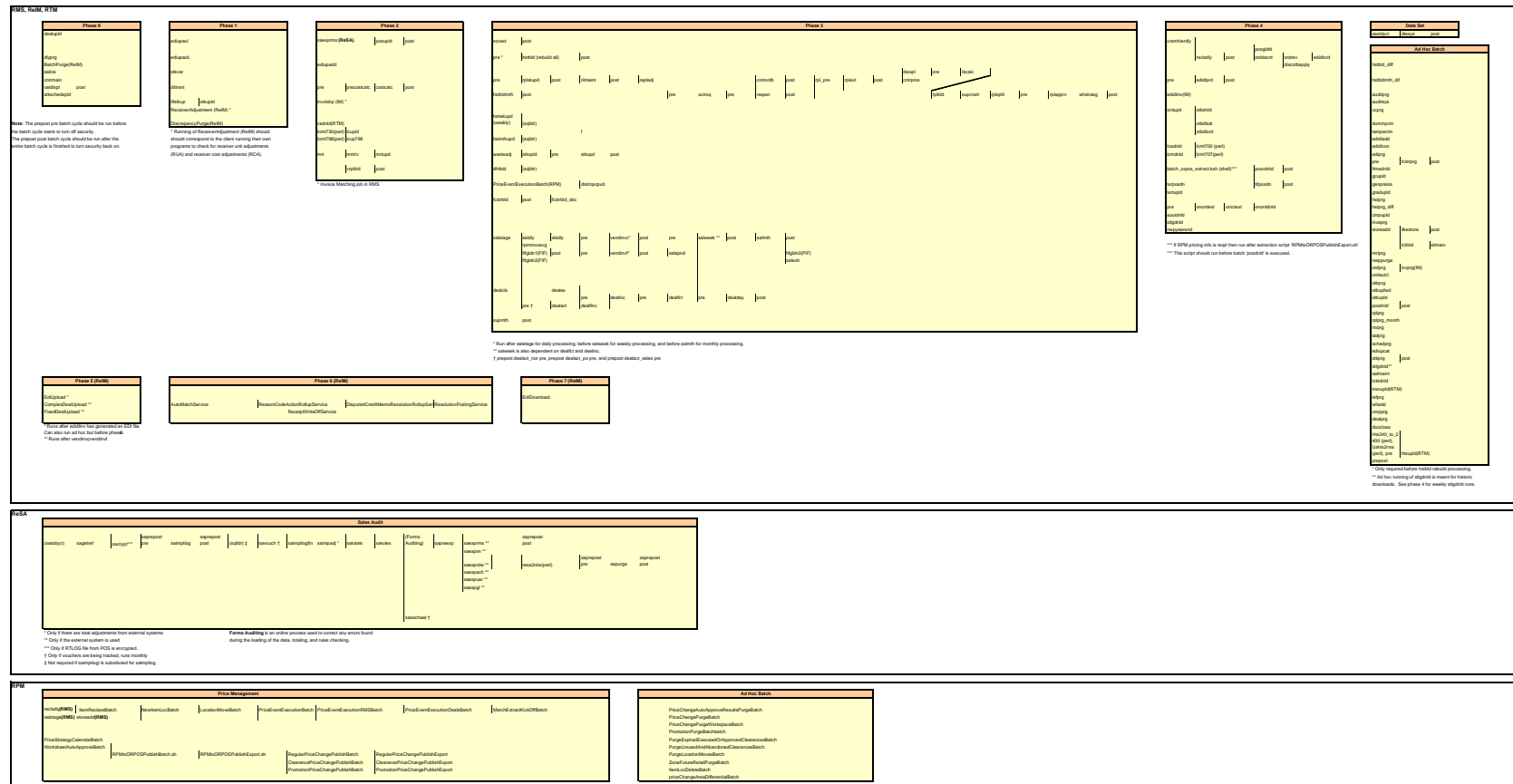
RMS to RPAS RETL Extracts Dependency and Scheduling Details (EXTRACTS_FOR_RPAS)									
Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A. This is a pre setup script	N/A	daily	N	N/A
rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh. (This is the launch script to 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	pre_rmse_rpas.ksh recsldy dypirg	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 dypirg	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 stkdy	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

rmce_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	storeadd dyprg	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	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	hstwkupd salweek pre_rmse_rpas.ksh whadd dyprg	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		Refer to RPAS Operations guide	daily	N	rmsl_rpas_update_retal_date.ksh CLOSED_ORDER or RECEIVED_QTY

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

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cdcdlrex.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
cmpttrtmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmprtoceex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmcyocdex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
emplyex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
orgaraex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchanex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orgdisex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orgloceex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orglolex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orgltrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N	N/A
orggrnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (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
prdcisex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (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), dyprg (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), dyprg (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), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdktypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (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), dyprg (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
prdtmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtlmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtlmlmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtlmlmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdtlmsmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsboex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdualex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (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
regnmbpex.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, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
supsupex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptmex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptrex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
indrtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
tlitypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Integrated Merchandising Batch Schedule



Interface Diagrams for RMS and RPAS

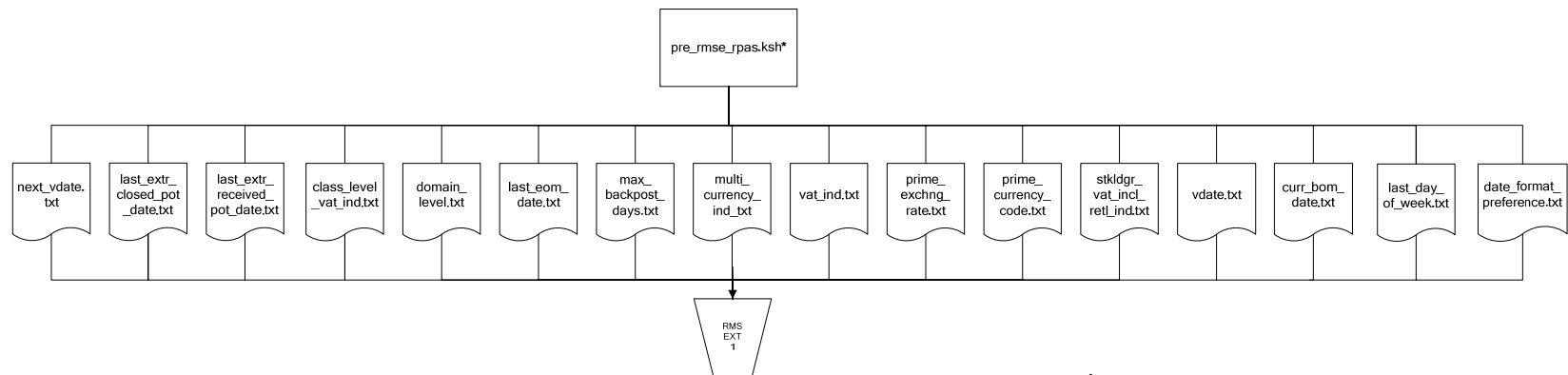
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

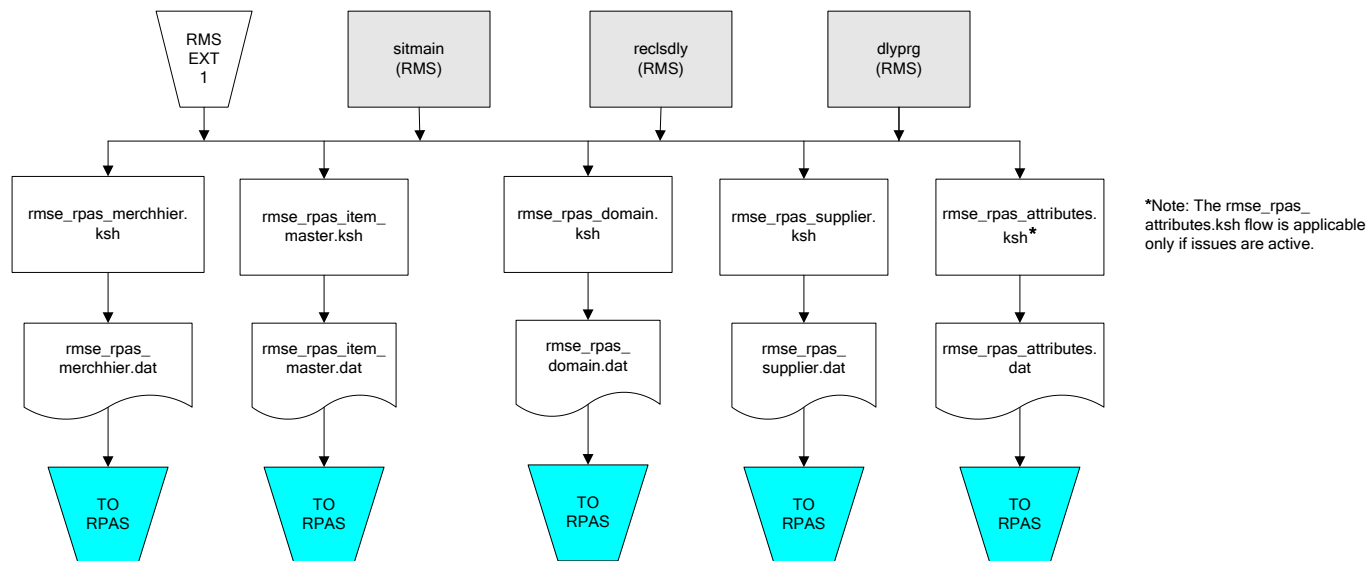
RMS Pre RETL Extract Maintenance



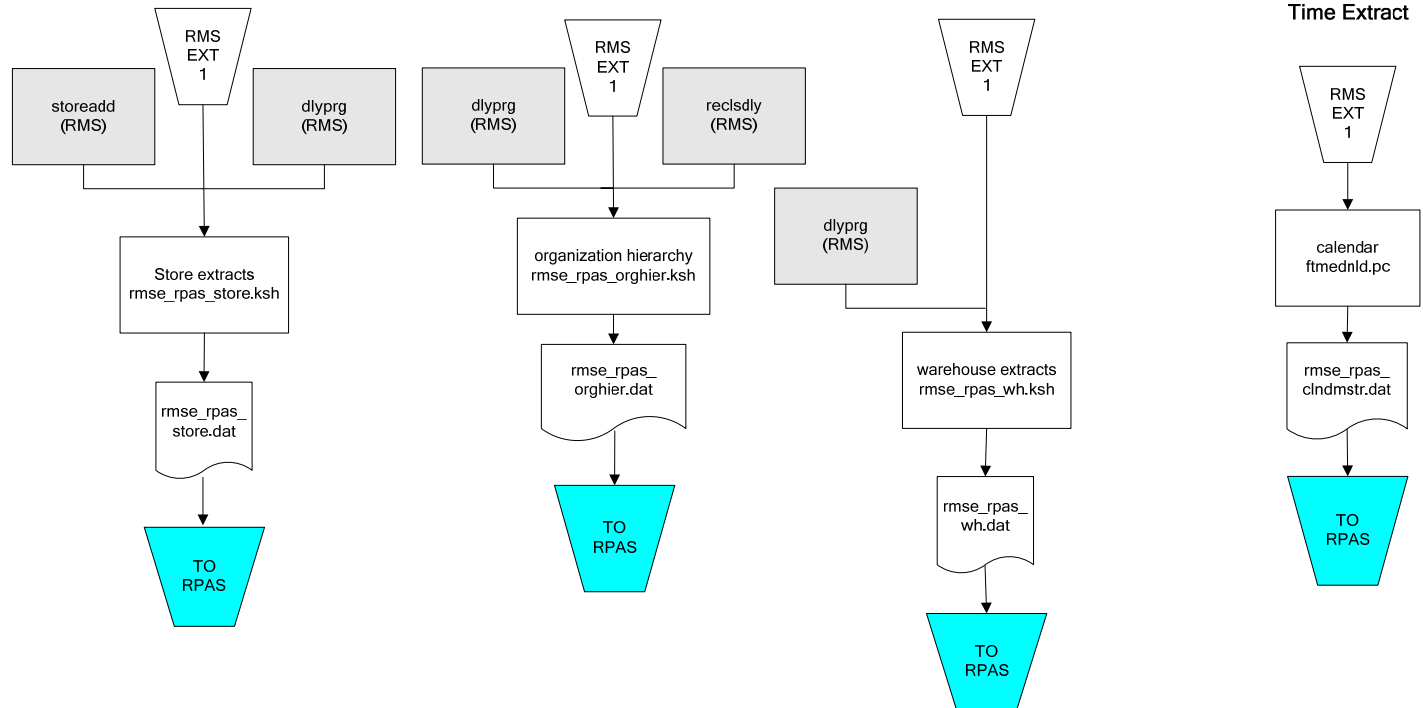
*** Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

RMS Foundation Data Extract Diagrams

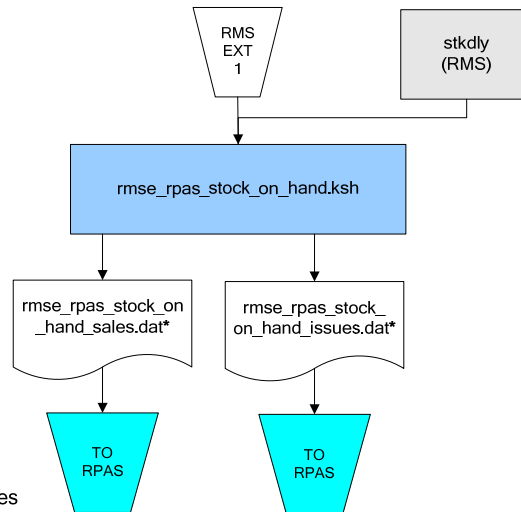
Merchandise Hierarchy for RPAS



Organization Hierarchy for RPAS



RMS Fact Data Extract Diagrams

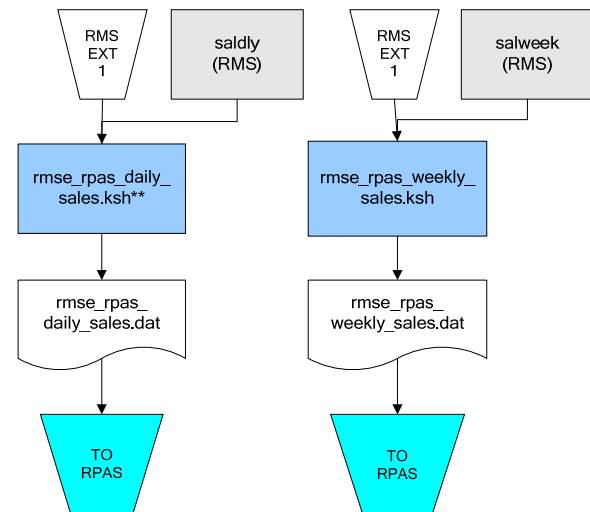


* Note:

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

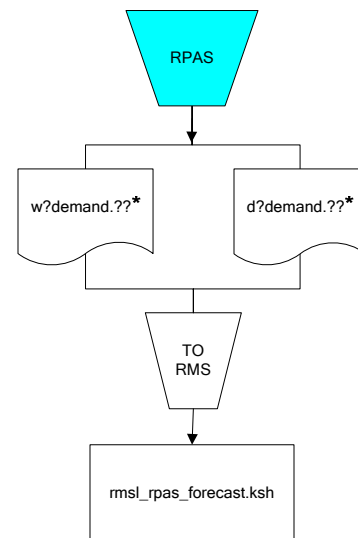
Sales Extracts For RPAS



** 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

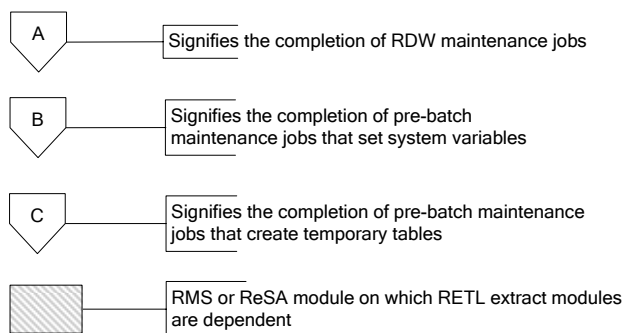
RMS works in conjunction with the Oracle Retail Extract Transform and Load (ETL) framework. ETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing capabilities.

This chapter presents flow diagrams for the ETL 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 ETL 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 ETL tool, see the current ETL Programmer's Guide.

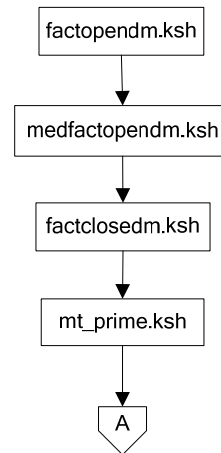
Legend



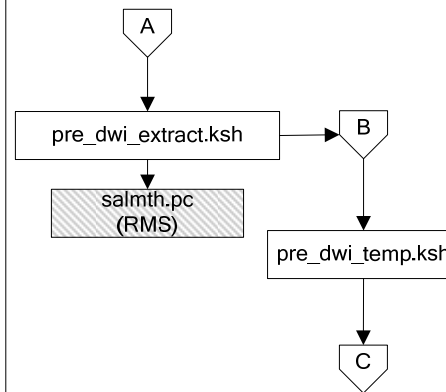
RDW Maintenance

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.



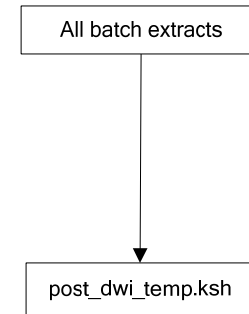
Pre-Batch Maintenance



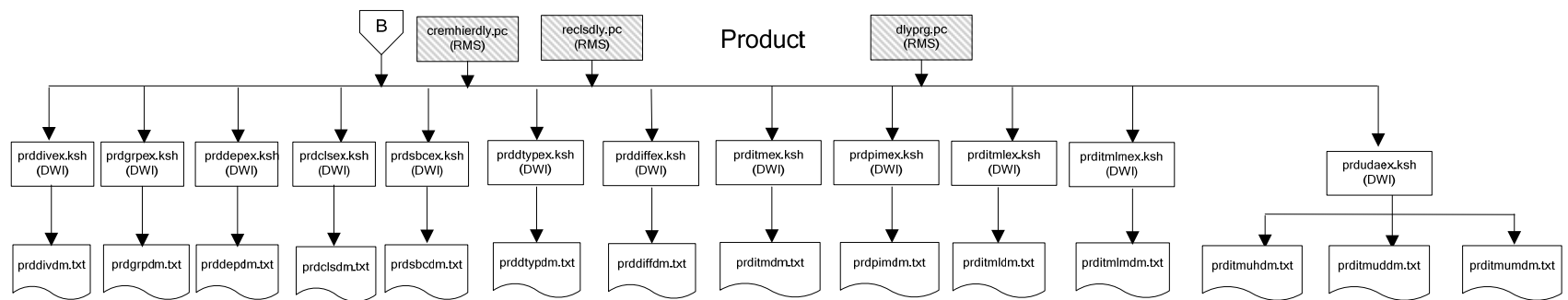
Note:

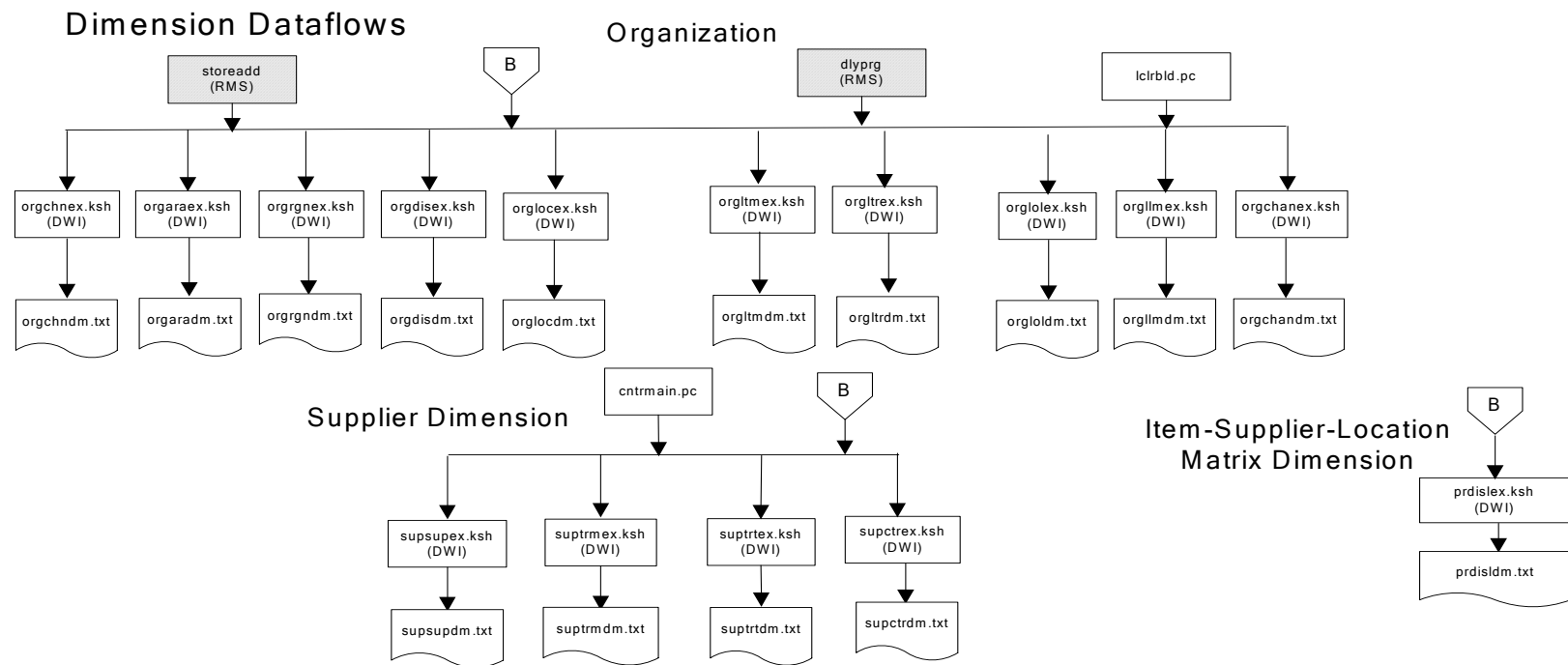
salmth.pc resets the last eom_date. Thus, it must be run after the system indicator is extracted by pre_dwi_extract.ksh.

Post-Batch Maintenance

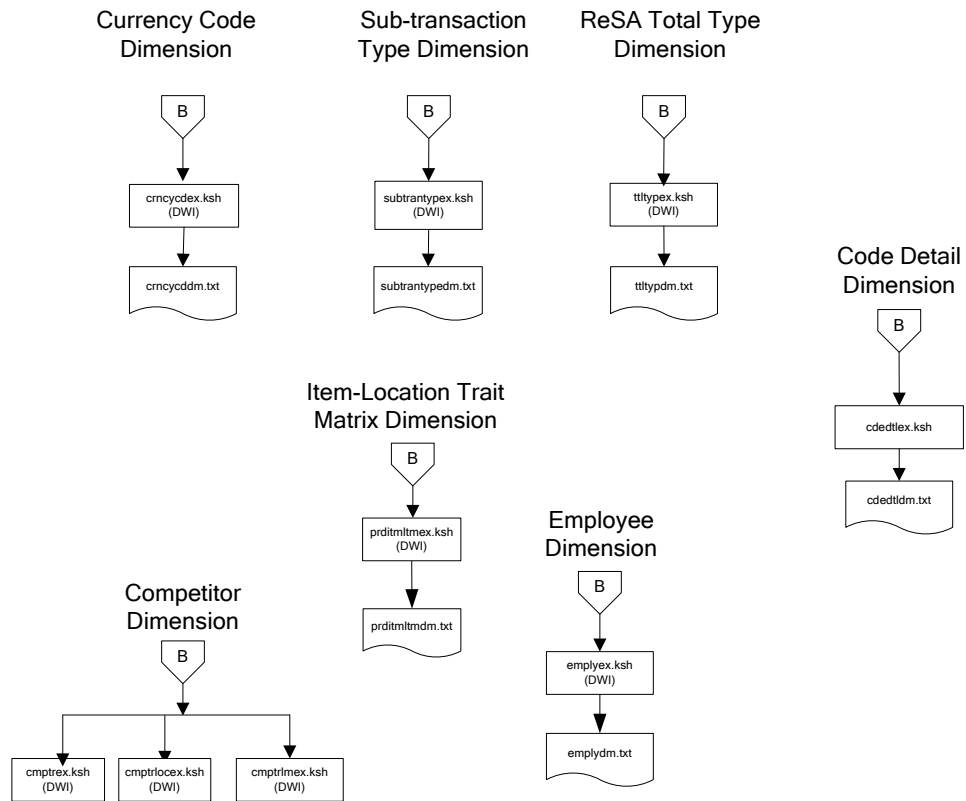


Dimension Dataflows



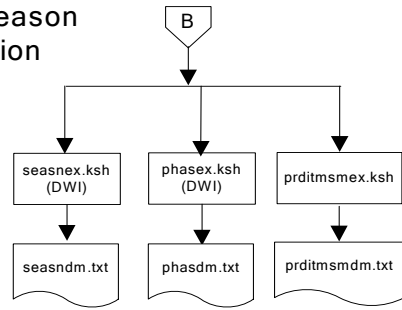


Dimension Dataflows

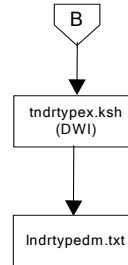


Dimension Dataflows

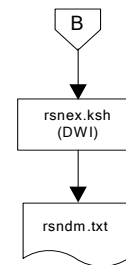
Product Season Dimension



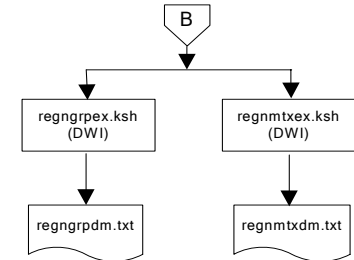
Tender Type Dimension



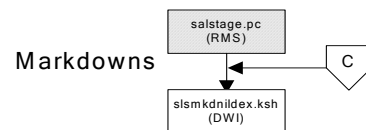
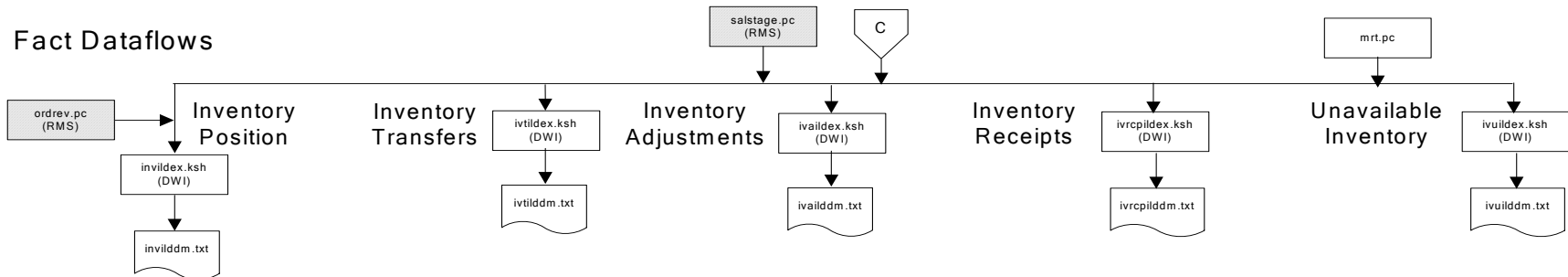
Reason Dimension



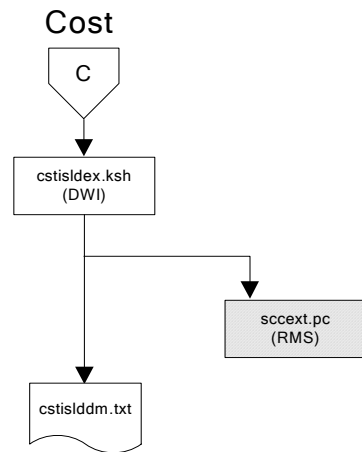
Regionality Dimension



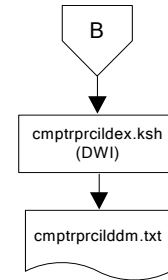
Fact Dataflows



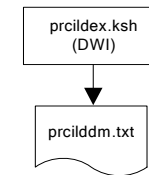
Fact Dataflows



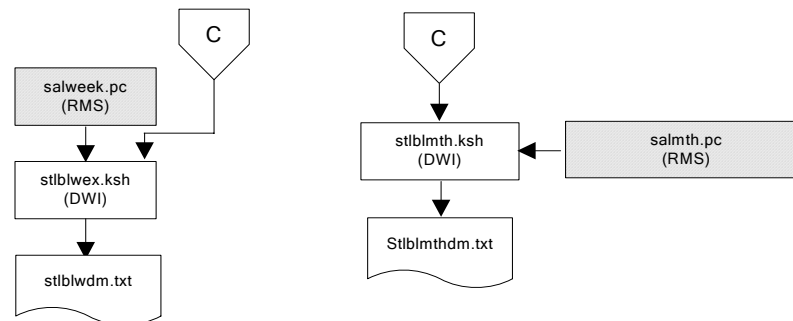
Competitor Pricing



RPM Pricing



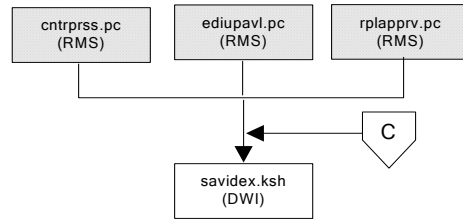
Stock Ledger



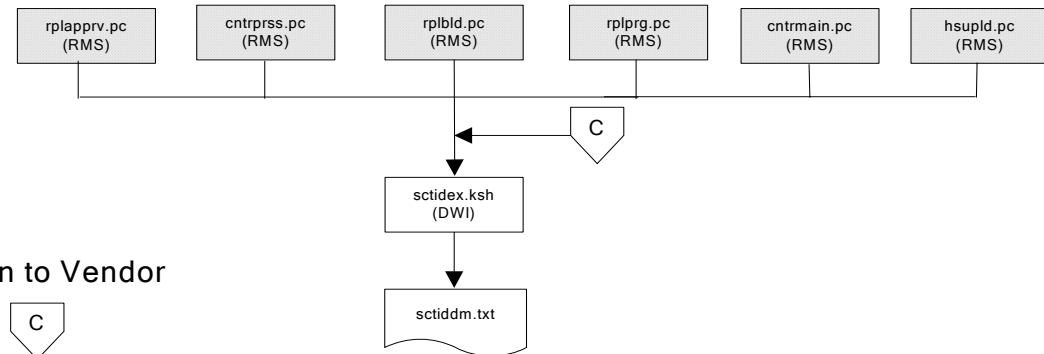
Note:
Run stock ledger fact
loads once weekly.

Fact Dataflows

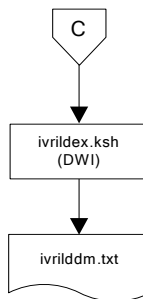
Supplier Availability



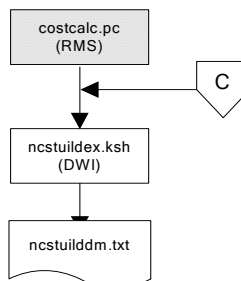
Supplier Contract



Return to Vendor

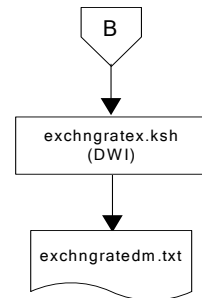


Net Cost

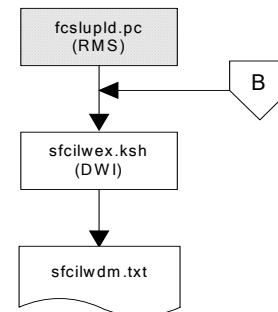


Fact Dataflows

Exchange Rates

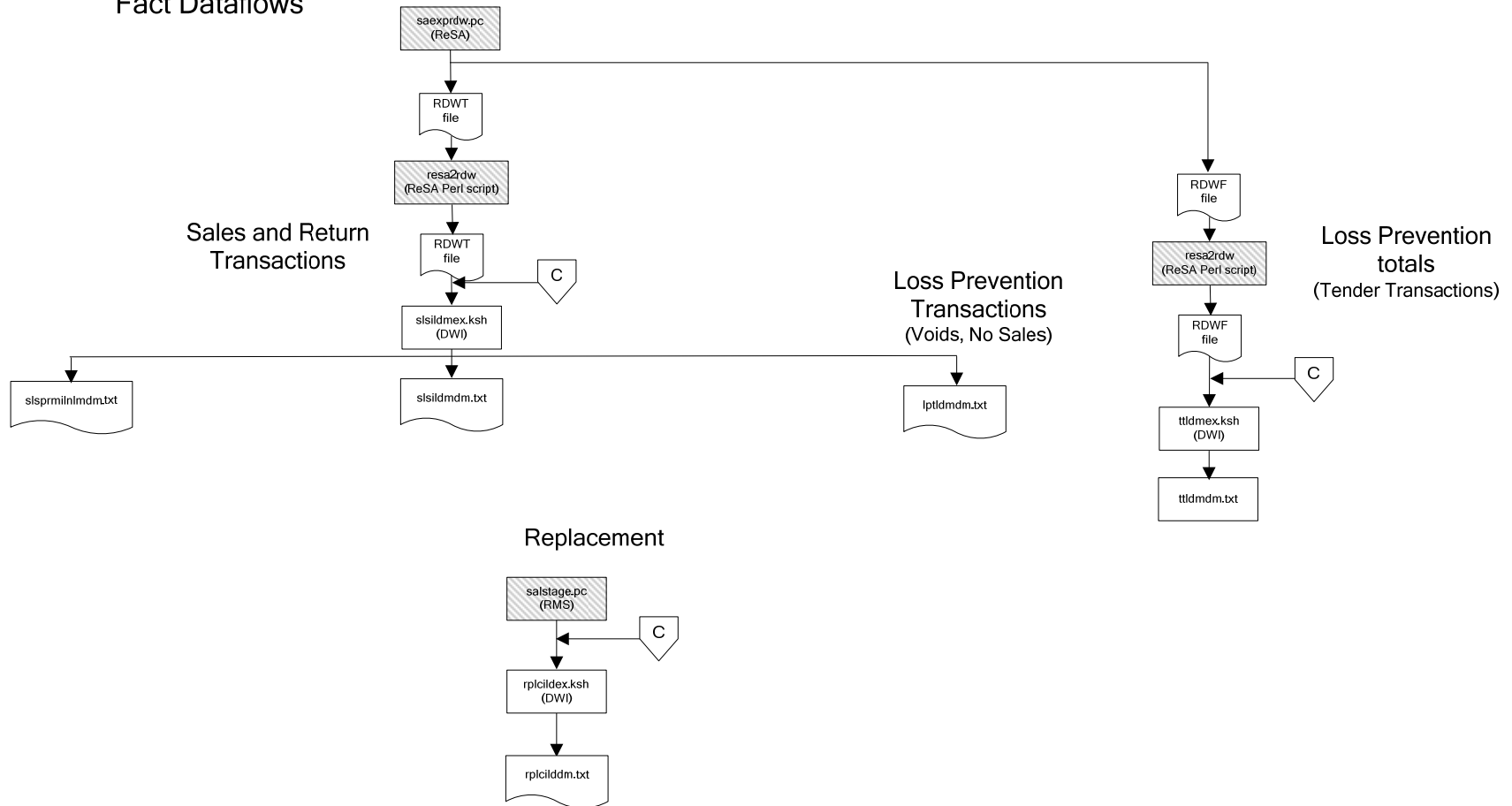


Sales Forecasts

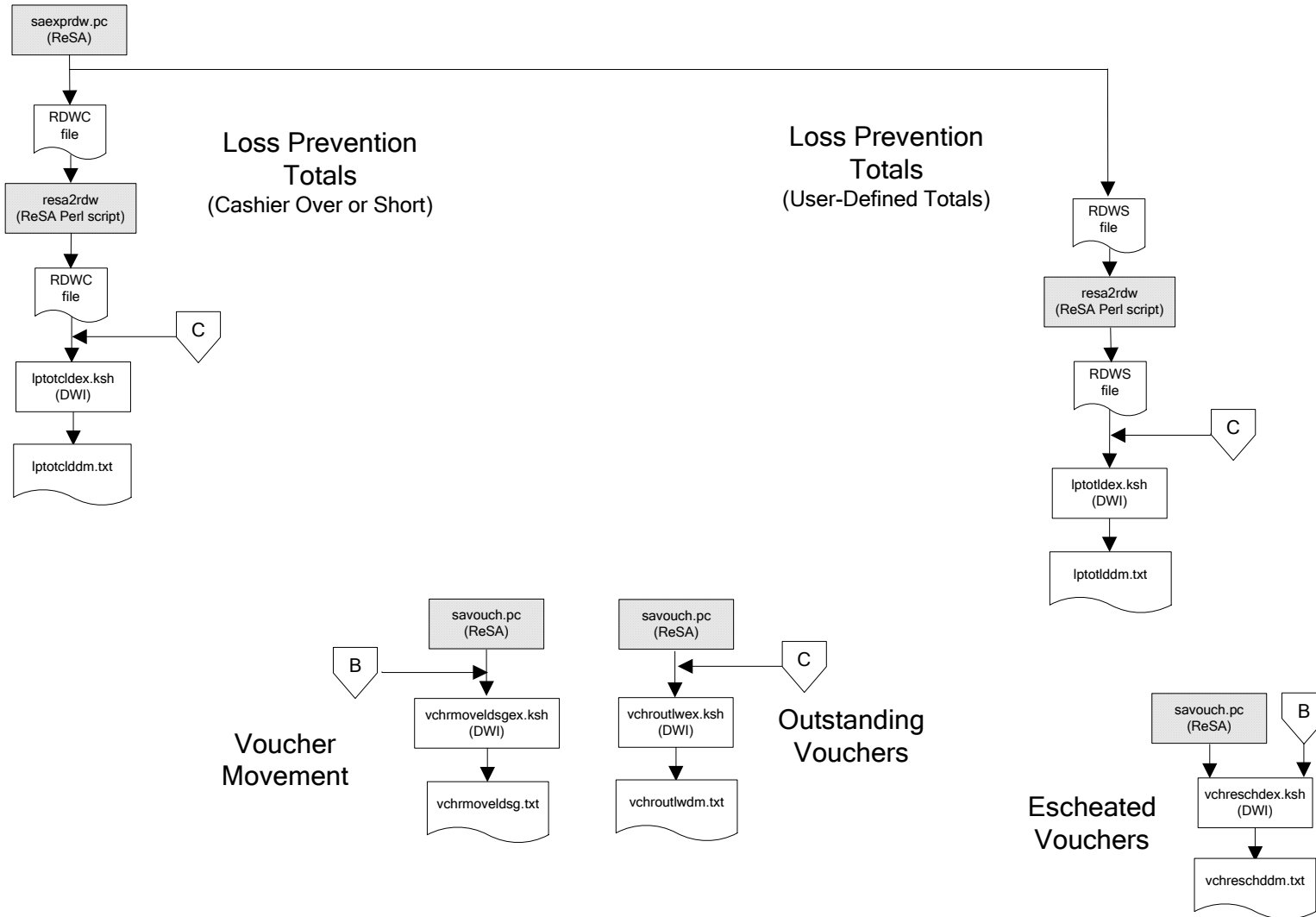


Note:
Run sales forecast fact loads
once weekly.

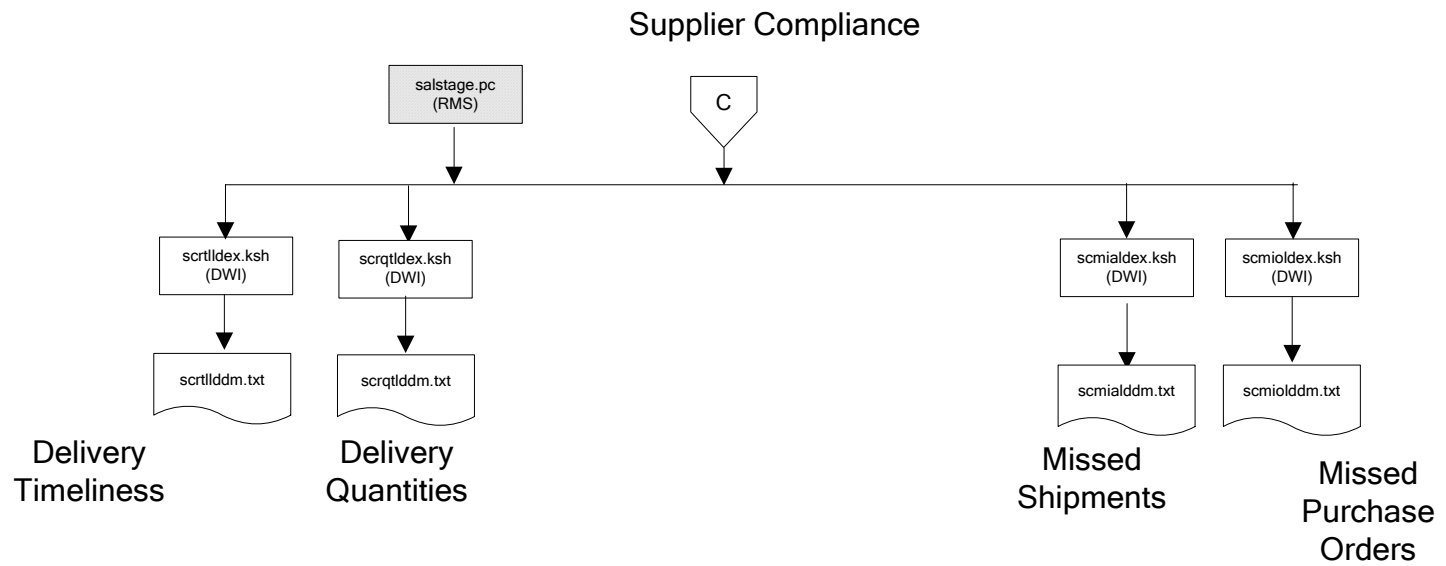
Fact Dataflows



Fact Dataflows



Fact Dataflows



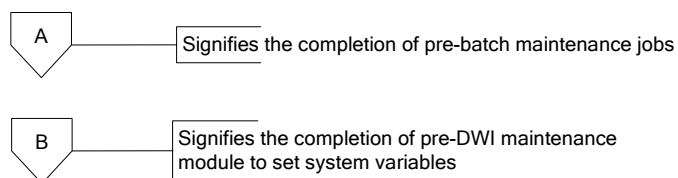
Interface Diagram for RPM and RDW

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.

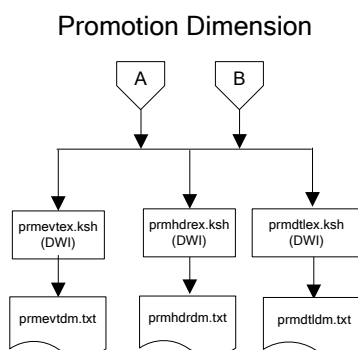
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

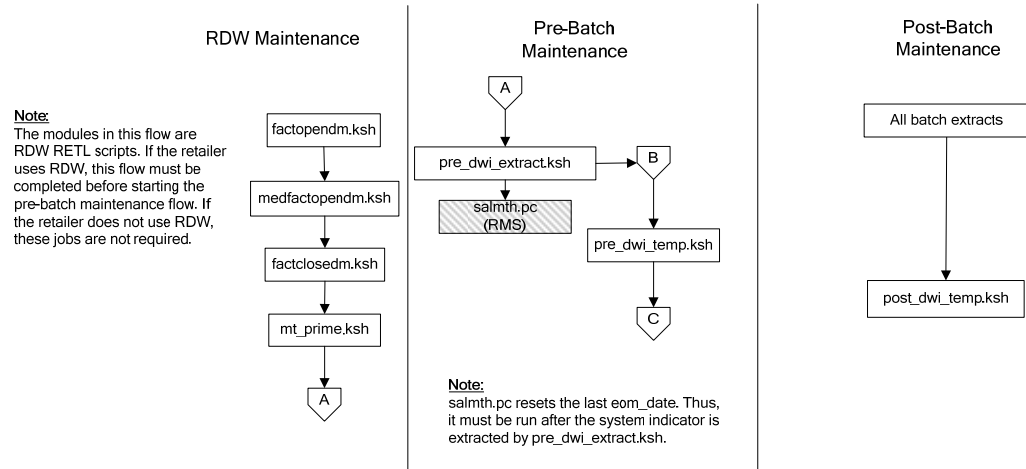
See the Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram





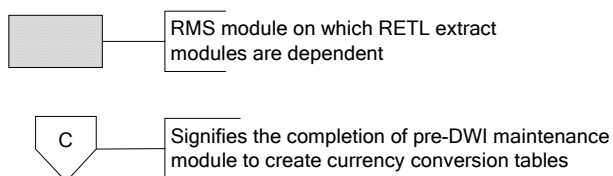
Interface Diagram for ReIM and RDW

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.

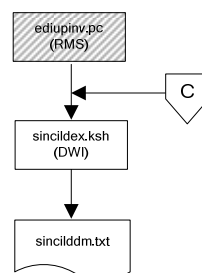
See the Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



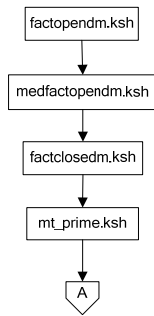
Program Flow Diagram

Supplier Invoice Cost

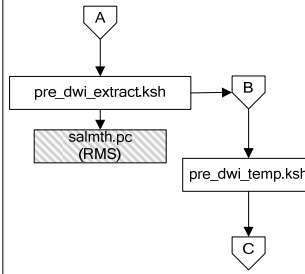


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

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

