

# Oracle® Retail Merchandising Cloud Services

## Batch Schedule



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Oracle Retail Merchandising Cloud Services 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 Pricing
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Allocation
- Oracle Retail Data Extractor (RDE)

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

## Audience

The audiences for this guide are as follows:

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

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- Exact error message received
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**Oracle Retail Cloud Services and Business Agility**

Oracle Retail Merchandising Cloud Services is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

# 1

## Introduction to Merchandising Batch Processing

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

### Batch Processing

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

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

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

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

### Types of Batch Programs

Oracle Retail batch programs are of several types:

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

### Batch Window

Because of the impact on production systems, it is not always possible to run batch programs during business hours; however, there is a window of opportunity during each day or night

when online systems are not being used. This time frame is the batch window. For example, a retailer with stores throughout the continental U.S. might require its online systems to be available from 8 AM Eastern Standard Time, when its East Coast offices open, until 9 PM Pacific Standard Time, when its West Coast stores close. This allows an eight-hour batch window for processing all batch jobs.

## Batch Schedule

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

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

## Merchandising Batch Schedule

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

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

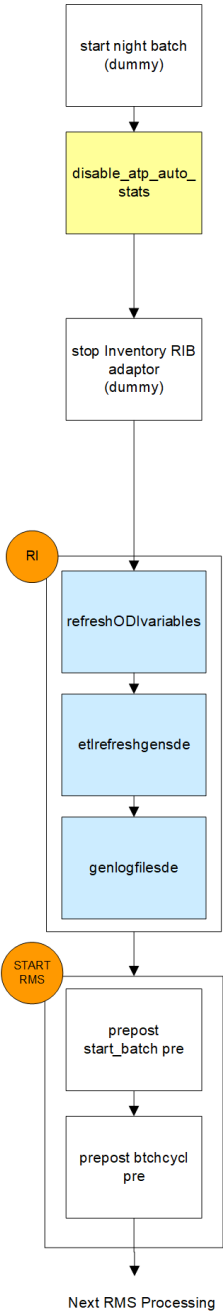
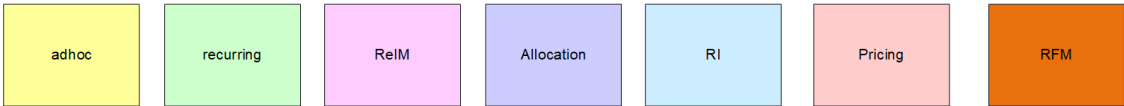
- Oracle Retail Merchandising
- Oracle Retail Trade Management
- Oracle Retail Sales Audit
- Oracle Retail Invoice Matching
- Oracle Retail Pricing
- Oracle Retail Allocation
- Oracle Retail Data Extractor (RDE)

## Batch Schedule Diagrams

View the whole Batch Schedule below.

## Start Batch Cycle

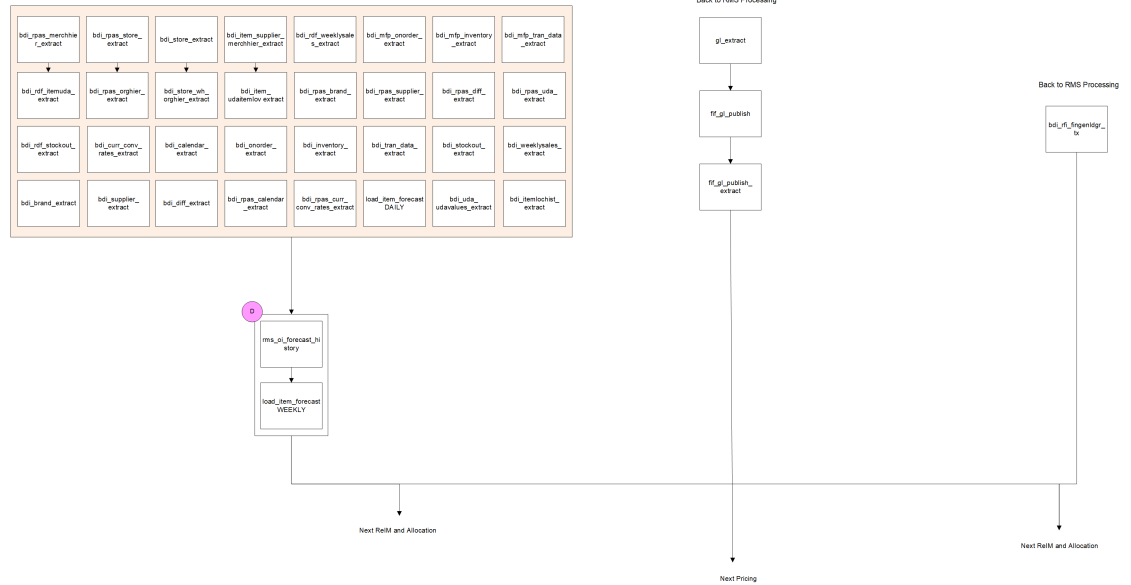
Start Batch Cycle



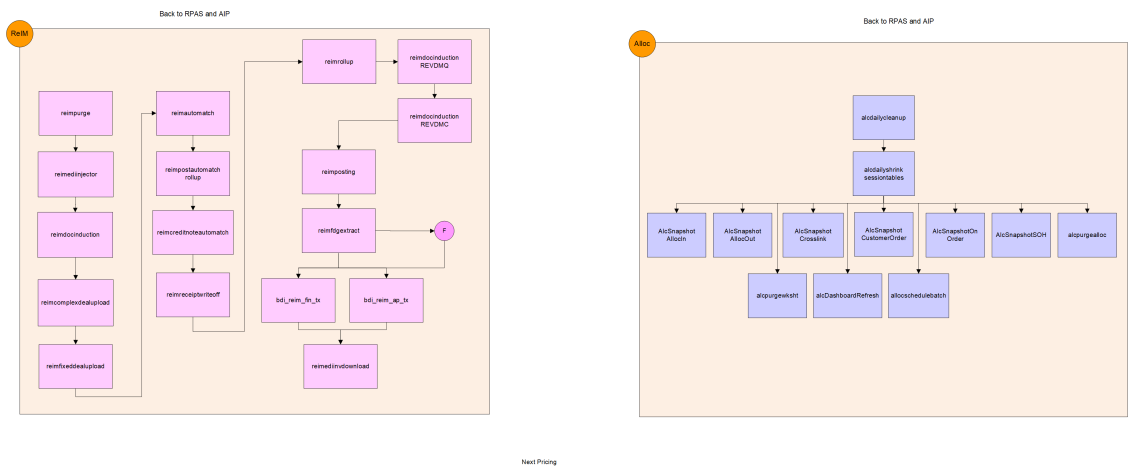
RMS Processing

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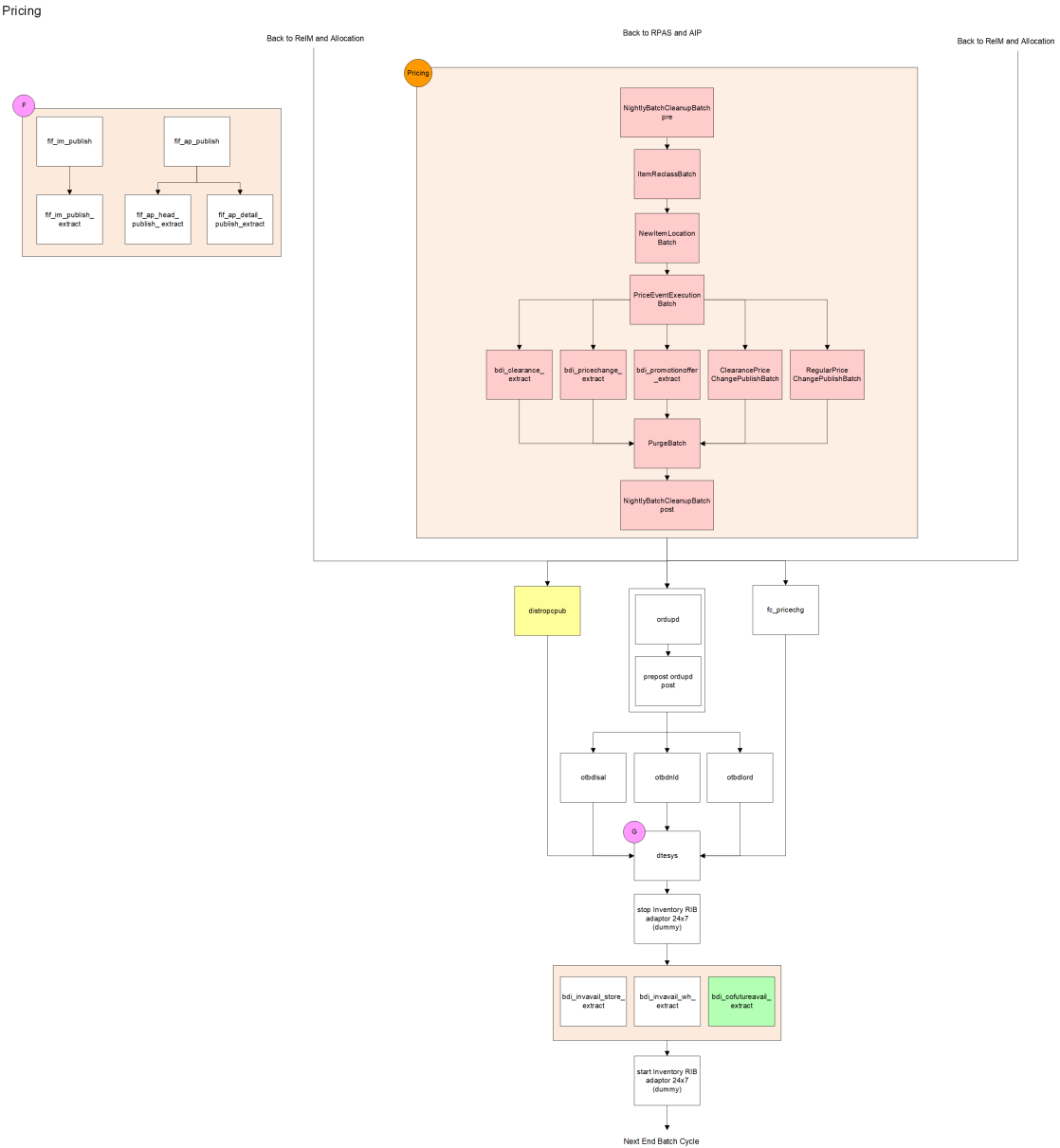
### Merchandising Batch Schedule



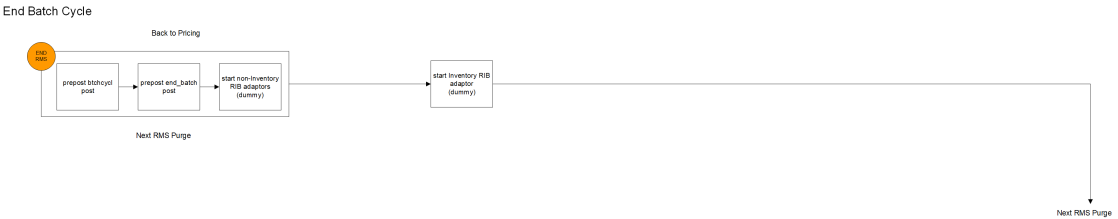
## ReIM and Allocation



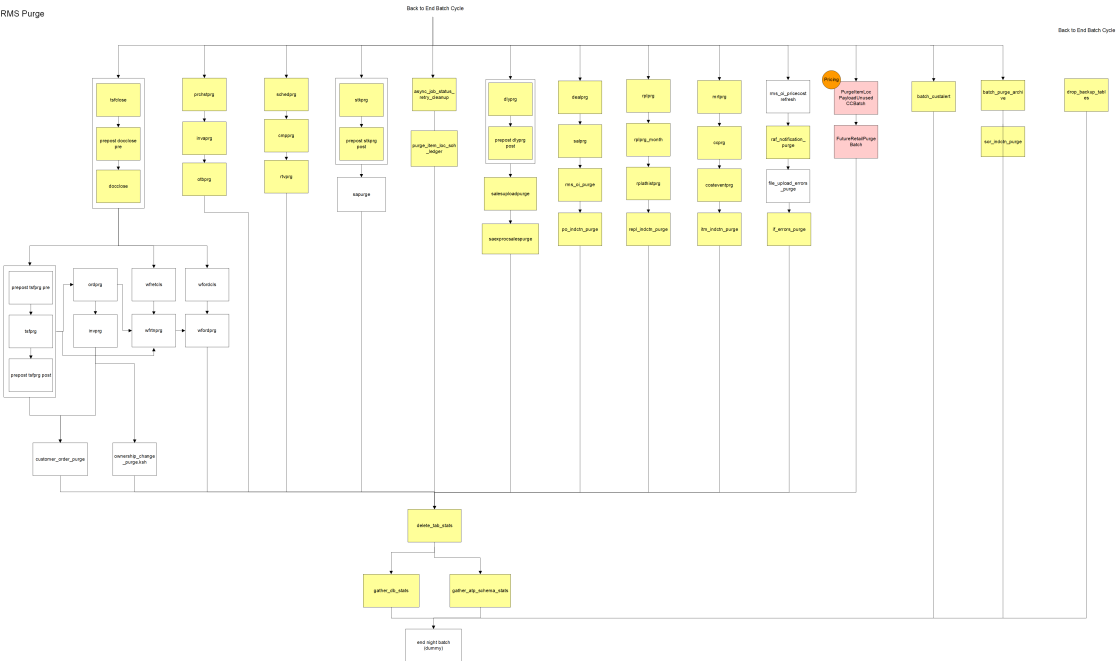
## Pricing



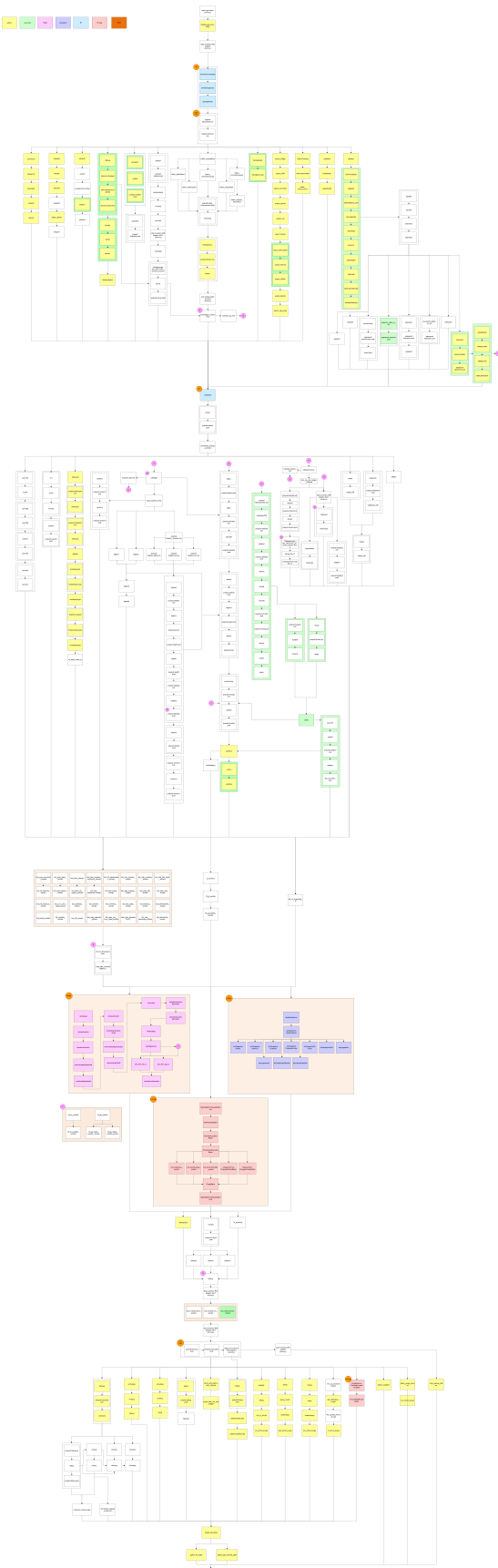
## End Batch Cycle



## RMS Purge



Nightly Batch Schedule



## Adhoc/Cyclic Only Jobs

[illegible][illegible]

Variable	Unit	Mean	SD	Min	Max	Q1	Q3	Median	Mode	Skewness	Kurtosis	Normality
Age	Years	65.42	10.15	45	85	55	75	60	65	0.15	3.2	0.95
Gender	Male/Female	0.58	0.49	0	1	0	1	0	0	-0.05	1.8	0.98
Marital Status	Married/Single	0.72	0.45	0	1	0	1	0	0	-0.12	2.1	0.97
Education Level	High School/College/Graduate	0.35	0.48	0	1	0	1	0	0	-0.08	2.5	0.96
Income Level	Low/Medium/High	0.42	0.51	0	1	0	1	0	0	-0.10	2.3	0.97
Health Status	Good/Fair/Poor	0.68	0.47	0	1	0	1	0	0	-0.09	2.4	0.96
Activity Level	Sedentary/Active	0.31	0.46	0	1	0	1	0	0	-0.07	2.6	0.95
Stress Level	Low/Medium/High	0.55	0.50	0	1	0	1	0	0	-0.11	2.2	0.97
Sleep Quality	Good/Fair/Poor	0.62	0.49	0	1	0	1	0	0	-0.08	2.4	0.96
Emotional Stability	Stable/Unstable	0.75	0.43	0	1	0	1	0	0	-0.06	2.7	0.94
Life Satisfaction	Low/Medium/High	0.65	0.48	0	1	0	1	0	0	-0.09	2.5	0.96
Resilience	Low/Medium/High	0.58	0.52	0	1	0	1	0	0	-0.10	2.3	0.97
Self-Esteem	Low/Medium/High	0.63	0.47	0	1	0	1	0	0	-0.08	2.4	0.96
Optimism	Low/Medium/High	0.67	0.46	0	1	0	1	0	0	-0.07	2.5	0.95
Empathy	Low/Medium/High	0.71	0.44	0	1	0	1	0	0	-0.06	2.6	0.94
Prosocial Behavior	Low/Medium/High	0.69	0.45	0	1	0	1	0	0	-0.07	2.5	0.95
Agreeableness	Low/Medium/High	0.73	0.43	0	1	0	1	0	0	-0.06	2.7	0.94
Conscientiousness	Low/Medium/High	0.76	0.42	0	1	0	1	0	0	-0.05	2.8	0.93
Neuroticism	Low/Medium/High	0.38	0.49	0	1	0	1	0	0	-0.09	2.3	0.97
Extraversion	Low/Medium/High	0.61	0.48	0	1	0	1	0	0	-0.08	2.5	0.96
Openness	Low/Medium/High	0.59	0.50	0	1	0	1	0	0	-0.10	2.2	0.97
Psychoticism	Low/Medium/High	0.32	0.47	0	1	0	1	0	0	-0.07	2.6	0.95
Depression	Low/Medium/High	0.28	0.45	0	1	0	1	0	0	-0.06	2.7	0.94
Anxiety	Low/Medium/High	0.35	0.48	0	1	0	1	0	0	-0.08	2.4	0.96
Stress	Low/Medium/High	0.41	0.51	0	1	0	1	0	0	-0.10	2.3	0.97
Life Satisfaction	Low/Medium/High	0.65	0.48	0	1	0	1	0	0	-0.09	2.5	0.96
Resilience	Low/Medium/High	0.58	0.52	0	1	0	1	0	0	-0.10	2.3	0.97
Self-Esteem	Low/Medium/High	0.63	0.47	0	1	0	1	0	0	-0.08	2.4	0.96
Optimism	Low/Medium/High	0.67	0.46	0	1	0	1	0	0	-0.07	2.5	0.95
Empathy	Low/Medium/High	0.71	0.44	0	1	0	1	0	0	-0.06	2.6	0.94
Prosocial Behavior	Low/Medium/High	0.69	0.45	0	1	0	1	0	0	-0.07	2.5	0.95
Agreeableness	Low/Medium/High	0.73	0.43	0	1	0	1	0	0	-0.06	2.7	0.94
Conscientiousness	Low/Medium/High	0.76	0.42	0	1	0	1	0	0	-0.05	2.8	0.93
Neuroticism	Low/Medium/High	0.38	0.49	0	1	0	1	0	0	-0		

