

Retail Enabled Oracle Data Integrator Integration

Release Notes

Release 13.2.2.4

April 2011

Retail Enabled ODI Integration is a set of packages that allows users to easily execute data transfers among select RPAS applications.

Retail Enabled ODI Integration leverages Oracle Data Integrator (ODI) to store information about data interfaces among applications. ODI presents a user-friendly graphical interface for user-initiated data transfers and runtime monitoring. It also provides the ability to host application domains on different machines on a network, an ability not available with prior non-ODI integration strategies.

The RPAS applications that use Retail Enabled ODI Integration are Retail Demand Forecasting (RDF), Regular Price Optimization (RPO), Analytic Parameter Calculator for Regular Price Optimization (APC-RPO), and the Fashion Planning Bundle applications: Merchandise Financial Planning Retail (MFP Retail), Merchandise Financial Planning Cost (MFP Cost), Item Planning (IP), Item Planning Configured for COE (IP COE), Assortment Planning (AP), and Size Profile Optimization (SPO).

See the *Retail Enabled Oracle Data Integrator Integration Implementation Guide* for more information.

Assumptions

Before using Retail Enabled ODI Integration for the RDF/RPO/APC-RPO integration or the Fashion Planning Bundle integration, it is assumed that you have installed the following:

- RPAS, including the RPAS JDBC Client and ODBC Server. For more information, see the *Oracle Retail Predictive Application Server Installation Guide*.
- One of the following application sets on the same network-accessible server. Each application has one RPAS domain, each with one or more users already created. For more information, see the application's installation guide.
 - Two or more Fashion Planning Bundle applications: Size Profile Optimization (SPO), Assortment Planning (AP), Merchandise Financial Planning (MFP), Item Planning (IP), or Item Planning Configured for COE (IP COE).
 - Two or more of the following applications: Retail Demand Forecasting (RDF), Regular Price Optimization (RPO), or Analytic Parameter Calculator for Regular Price Optimization (APC-RPO).
- Oracle Database 10g or 11g.

- ODI Server on the same machine as the domains and have set up a master repository and work repository in the Oracle Database.
- ODI Client on one or more PCs. For more information, see the *Oracle Data Integrator Installation Guide*, 10g Release 3 (10.1.3).

Note: After the 13.2.2.x release, MKS Toolkit will no longer be supported as a requirement for operating the RPAS Server on all versions of Windows operating systems. Use of Cygwin is in development as a replacement.

Technical Enhancements

Retail Enabled ODI Integration 13.2.2.4 includes the following technical enhancements.

New APC-RPO to RDF Package

Retail Enabled ODI Integration now includes an APC-RPO to RDF package. This package allows APC-RPO to send RDF the following types of data: anchor prices, self elasticities, and historical minimum and maximum prices.

The measure data mappings for this package are displayed in the table below.

APC-RPO Expression	RDF Measure
achprstr	rdfanchprc
exptelsstr	rdfgamma
price	rdfprice

For more information about the APC-RPO to RDF integration, see the *Oracle Retail Enabled ODI Integration Implementation Guide*.

New RDF to RPO Package

Retail Enabled ODI Integration now includes an RDF to RPO package. This package allows RDF to send RPO item based demand.

The measure data mappings for this package are displayed in the table below.

RDF Expression	RPO Target Measure
appf01xb	dl1itbdsp

For more information about the RDF to RPO integration, see the *Oracle Retail Enabled ODI Integration Implementation Guide*.

New RPO to RDF Package

Retail Enabled ODI Integration now includes an RPO to RDF package. This package allows RPO to send RDF item prices.

The measure data mappings for this package are displayed in the table below.

RPO Expression	RDF Target Measure
fappitpc	rdfrprice

For more information about the RPO to RDF integration, see the *Oracle Retail Enabled ODI Integration Implementation Guide*.

New Prepack Measure and Package

A new prepack measure, eptpackdef, has been added to the "SizeOpt to AP" package. This measure has been added to support the new Prepack Optimization configuration that can be implemented in either SPO or AP. This measure contains data such as partitioning, optimization, and other details of the prepack optimization.

Because the prepack optimization configuration can be included in SPO, AP, both SPO and AP, or neither, there are now two ODI packages to address these four possibilities:

- If AP does not have prepack, use the "SizeOpt to AP" package. This package contains the new prepack measure that sends prepack data created in SPO to AP. This package should be used for the following situations:
 - if SPO has prepack and AP does not
 - if neither SPO nor AP have prepack
- If AP has prepack, use the "SizeOpt to AP with PrepackOpt" package. This is a new ODI package that does not contain the prepack measure from SPO. Therefore, the prepack data created in AP is not overwritten by the measure from SPO. This package should be used for the following situations:
 - if AP has prepack and SPO does not
 - if both SPO and AP have prepack

For more information about prepack and the SPO to AP integration, see the *Oracle Retail Enabled ODI Integration Implementation Guide*.

Related Documentation

For more information, see the following documents in the Retail Enabled Oracle Data Integrator Integration 13.2.2.4 documentation set:

- *Retail Enabled Oracle Data Integrator Integration Implementation Guide*

For more information about installing ODI, see the following document:

- *Oracle Data Integrator Installation Guide*

This guide, along with other ODI documentation, can be found at

<http://www.oracle.com/technology/products/oracle-data-integrator/index.html>

Previous Releases

For additional information on previous Retail Enabled Oracle Data Integrator Integration release enhancements and additional information, refer to the release notes and documentation that accompany the previous releases.

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