

Oracle® Retail Integration Bus

Release Notes

Release 13.2.1

July 2011

Oracle Retail Integration Bus (RIB) Release 13.2.1 is only a functional release. To install RIB 13.2.1, the 13.2.0 kernel (RibKernel13.2.0ForAll13.x.xApps_eng_ga.jar) is used, but the application paks and the functional artifacts used are from the 13.2.1 release.

This Release Notes document describes the 13.2.1 files, functional artifacts, and application paks required for installation. It also provides revised installation steps from the 13.2.0 *Oracle Retail Integration Bus Installation Guide*.

Also included in this document are functional enhancements and a list of issues addressed by this release.

Note: For the 13.2.1 release, only this document and the *Oracle Retail Service-Oriented Architecture Enabler Tool Guide Implementation Guide* are being released. With the exception of the revised installation steps below, use the 13.2.0 *Oracle Retail Integration Bus Installation Guide* to install RIB 13.2.1.

Installing RIB 13.2.1

As noted above, use the instructions in the 13.2.0 *Oracle Retail Integration Bus Installation Guide* to complete the installation of RIB 13.2.1, but use the following 13.2.1 files, functional artifacts, and application paks.

13.2.1 Files

Use the following files to install RIB 13.2.1.

- RibKernel13.2.0ForAll13.x.xApps_eng_ga.jar
- RibFuncArtifact13.2.1ForAll13.2.1Apps_eng_ga.tar
- RibPak13.2.1ForAip13.2.1_eng_ga.tar
- RibPak13.2.1ForRfm13.2.1_eng_ga.tar
- RibPak13.2.1ForRms13.2.1_eng_ga.tar
- RibPak13.2.1ForRpm13.2.1_eng_ga.tar
- RibPak13.2.1ForRwms13.2.1_eng_ga.tar
- RibPak13.2.1ForSim13.2.1_eng_ga.tar
- RibPak13.2.1ForTafr13.2.1_eng_ga.tar

13.2.1 Application Paks and Functional Artifacts

This section includes updated instructions for steps 2 and 3 of the section called "How to Run the RIB Application Installer," as shown in Chapter 4 of the 13.2.0 *Oracle Retail Integration Bus Installation Guide*.

The information below represents the only procedural changes for the 13.2.1 RIB release.

How to Run the RIB Application Installer, Step 2

Instead of using the functional artifacts from the 13.2.0 release, use the functional artifacts from the 13.2.1 release as follows:

Download the RIB Functional Artifacts distribution, (RibFuncArtifact13.2.1ForAll13.2.1Apps_eng_ga.tar), and copy it into the <RIB_HOME>/download-home/rib-func-artifacts directory.

Do not untar the file.

How to Run the RIB Application Installer, Step 3

Instead of using the application paks from the 13.2.0 release, use the paks from the 13.2.1 release as follows:

Download the tar file distributions for 13.2.1 for each rib-<app> application that you will install.

Copy the files to the <RIB_HOME>/download-home/all-rib-apps directory.

Do not untar the files.

Continue the steps as shown in the rest of the guide.

Functional Enhancements

The following functional enhancements are included in the RIB 13.2.1 release.

RTIL Slim Object Model

To improve RTIL performance, the 13.2.1 release includes a slimmed down object model, which replaces the RTIL object model from the 13.2.0 release. The following is the list of objects removed from object model since the 13.2.0 release.

- CostComponentRBO
- DocLineItemRBO
- FiscalDocColRBM
- FiscalDocRBO
- FiscalEntityRBO
- ProductItemRBO
- ServiceItemRBO
- TaxDetailRBO
- TaxRuleInfoRBO

Below are the RTIL Slim objects introduced with the 13.2.1 release.

Object Name	Description
FiscDocRBO	Includes details of a Fiscal Document containing retail transactions that require taxation input from a tax vendor.
FiscEntityRBO	Captures the entity details of a supplier/location/retailer requiring taxation input.
AddrRBO	Captures minimal address information for the retailer/supplier/location.
LineItemRBO	Includes the details of a line item in the Tax Request being sent to the tax vendor.
InformTaxRBO	Includes the details of a informed Tax item sent to the tax vendor.
PrdItemRBO	Includes the details of a Merchandise/Product Item sent to the tax vendor.
SvcItemRBO	Includes details of a Service Item sent in the request to the tax vendor.
LineItemTaxRBO	Includes details of an item in the Tax Response sent from the tax vendor.
PrdItemTaxRBO	Includes product item details in Tax Response sent from the tax vendor.
FiscDocTaxRBO	Includes tax details inTax Response sent from the tax vendor.
InconclRuleRBO	Includes the inconclusive rules inTax Response sent from the tax vendor.
SvcItemTaxRBO	Includes service item details inTax Response sent from the tax vendor.
TaxDetRBO	Includes tax details inTax Response sent from the tax vendor.
NameValPairRBO	Provides flexibility for flow through of newly configured attribute information from RMS/RFM to the tax vendor through RTIL

XItem Payload Changes

This release includes the following XITEM Payload changes.

New Elements

The following elements have been added to the Brazil extension of XItemDesc under element XItemCtryDesc .

Element Name	Description
state_of_manufacture - varchar2(3), optional	Contains the postal abbreviation for the state in which the item is manufactured.
pharma_list_type - varchar2(6), optional	Pharma_list_type - varchar2(6), optional

Addition to Brazil Extension of XItemDesc

A collection of name/value pairs has been added to the Brazil extension of XItemDesc under element XItemCtryDesc to support generic attributes. For example:

```
NameValPairRBO
-Name - varchar2(30), required
-Value - varchar2(250), required
```

Issues Addressed by RIB 13.2.1

The following defect fixes are included in this release.

PromotionRefPayload

For the 13.2.1 release, reward_qty was moved from the root to under complex type PromotionRef.

Missing Mapping for STORE_OPEN_DATE in StoresToStores TAFR

When a store is created in RMS the store open date and close date did not flow down to SIM. The tafr does not filter these 2 fields anymore and lets the store open and close date flow to SIM.

Oracle Retail Service-Oriented Architecture Enabler (RSE)

The infrastructure objects, viz. ReferenceId.xsd and Nothing.xsd, have been added for RSE.

Oracle Retail Service-Oriented Architecture Enabler Tool Guide

The *Oracle Retail Service-Oriented Architecture Enabler Tool Guide* is the only guide that is being released for the 13.2.1 RIB release.

The Retail Service-Oriented Architecture Enabler (RSE) tool provides a standard, consistent way to develop Web services for PL/SQL and Java EE applications. It creates Web service provider end-points, consumer clients for Web service providers, and templates for interfacing with PL/SQL APIs and Java EE APIs.

The tool also produces design time and run time artifacts. It works in conjunction with another RTG tool, the Retail Functional Artifact Generator.

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus Release 13.2.1 documentation set:

- *Oracle Retail Service-Oriented Architecture Enabler Tool Guide*

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