

Oracle® Retail Integration Bus

Release Notes

Release 13.2.3.2

December 2011

Oracle Retail Integration Bus (RIB) Release 13.2.3.2 is a bundled hot fix release for RIB 13.2.3. RIB 13.2.3.2 includes selected defect fixes for RIB 13.2.3 code.

Oracle Customer Support investigates submitted issues assuming that all released updates have been applied. It is the customer's decision when to apply a new release; however, delays in applying updates can complicate the support process.

About Bundled Hot Fix Releases

Oracle Retail bundled hot fix releases are the most frequent releases to update Oracle Retail applications. These releases typically contain only defect fixes; they may also include enhancements that address application performance or other issues. Bundled hot fix releases are of smaller scope than less-frequent patch releases, and they are intended to be easier and faster for the customer to install than major patch updates.

Bundled hot fix releases must be applied in sequential order. Before you can apply a new bundled hot fix release, you must first apply all previous bundled hot fix releases since the last patch release. The Release Notes for each Oracle Retail release identify whether a release is a bundled hot fix release or a patch release.

Periodic patch releases include all defect fixes that have been released through bundled hot fix releases since the last patch release. Patch releases may also include new defect fixes and enhancements that have not previously been included in any bundled hot fix release.

Update Payload jar Files for Retail Sales Layer (RSL)

If RSL also is installed, update payload jar files with the payloads packaged in this RIB release as follows.

1. In RSL_OAS_HOME (the directory location of RSL OAS instance, for example, /u00/webadmin/product/10134/OracleAS_1/j2ee/rsl-instance), take a backup of these files:
 - ./applications/rsl-rms/lib/retail-public-payload-java-beans.jar
 - ./applications/rsl-rms/lib/retail-public-payload-java-beans-base.jar
2. Copy the new version of these jar files from RibFuncArtifact13.2.3.2ForAll13.2.3.2Apps_eng_ga and place them in this directory location.

Note: To undo the change, replace the new jar files with the backed up versions.

3. Restart the server instance

Functional Payload Enhancements

The following enhancements have been made to improve existing functionality.

New Objects—RTIL Slim Object Model

For RMS 13.2.3.2, the following objects have been added for the RTIL Slim Object Model.

These objects are part of the RMS/RTIL Performance Remediation effort. Each is the granular unit of work that can be processed concurrently in RTIL. They impact only RMS/RFM flows in Brazil localization; no other applications are impacted.

These objects are not part of a RIB message family; they do not flow through RIB. Rather, they are intended to be used as a message in POJO transactions with an external tax engine.

FiscDocChnkRBO

This is a wrapper request object for FiscDocRBOs introduced in RTIL Slim Object Model. It acts as a placeholder/container for a logical volume of work.

FiscDocChnkTax RBO

This is a wrapper response object for FiscDocTaxRBOs introduced in RTIL Slim Object Model. It acts as a placeholder/container for a logical volume of work.

New Optional Elements

New optional elements have been added for SvcItemTaxRBO and FiscDocTaxRBO.

The SvcItemTaxRBO and FiscDocTaxRBO objects impact only RMS/RFM flows in Brazil localization; no other applications are impacted. These objects do not flow through RIB; rather, they are intended to be used as messages in POJO transactions with an external tax engine

SvcItemTaxRBO

An optional element, `ext_fiscal_class_code`, has been added in the response from external tax engine. The attribute is used in RMS for grouping and correlation.

FiscDocTaxRBO

Optional elements, `src_is_rural_producer` and `src_is_simple_contributor`, have been added in the response from external tax engine. These attributes are used in RMS for grouping and correlation.

Object Modifications

For RMS 13.2.3.2, the following objects been modified. They are part of the RMS/RTIL Performance Remediation effort. Each contains the logical units of work (chunks) that can be processed concurrently in RTIL. These objects impact only RMS/RFM flows in Brazil localization; no other applications are impacted.

These objects do not flow through RIB; rather, they are intended to be used as a message in POJO transactions with an external tax engine.

FiscDocColRBM

This request object has been modified to support logical units of work as follows:

- It includes and array of elements depicting the logical units of work (FiscDocChnkRBO).
- An optional field called useThread is introduced to determine if RTIL should spawn threads.

FiscDocTaxColRBM

This request object has been modified to support logical units of work. It includes an array of elements depicting the logical units of work (FiscDocTaxChnkRBO).

Other Modifications

The RIB_XitemDesc_Rec has been modified as follows.

RIB_XitemDesc_Rec

The following fields are added to RIB_XItemDesc_REC for VPLU numbered items in item_master table.

- format_id varchar2(1) - not mandatory
- prefix number(2) - not mandatory

Applications: RMS 13.2.3.2

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Family: XItemDesc

Note: RIB objects pertaining to Book Transfer Web Service and Customer Order Web Service have been packaged in this release. They are related only to functionality still in development. From a user standpoint, they serve no purpose in this release and have no adverse effect on the functionality of the 13.2.3.2 bundled hot fix.

Defect Fixes and Documentation

A defect fix is a modification to the base Oracle Retail code (for example, a bug fix, a performance enhancement, or a functional enhancement). Each defect fix that is included in this release has a corresponding defect report titled *<defect-number>.PDF* (for example, 1234567.PDF).

Defect Fix

The following defect fix is included in RIB 13.2.3.2. See the individual defect report for details.

Defect Number	Summary
13365225	Attempting to aggregate messages for family order results in errors.

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