Oracle® Retail Integration Bus

Release Notes

Release 13.0.1 Patch

June 2008

This document highlights the major changes for Oracle Retail Integration Bus (RIB) Release 13.0.1 Patch. The features of the RIB 13.0.1 patch release are primarily platform upgrades, along with some functional and technical enhancements and fixes.

Hardware and Software Requirements

See the *Oracle Retail Integration Bus Installation Guide* for critical information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility information

Functional Enhancements

The following enhancements are included in this release.

Enterprise Functional Integration

The following are the Oracle Retail applications that participate in enterprise functional integration using RIB. For RIB 13.0.1, integration is added with Advanced Inventory Planning (AIP).

- Oracle Retail Advanced Inventory Planning (AIP) 13.0
- Oracle Retail Merchandising System (RMS) 13.0.1
- Oracle Retail Price Management (RPM) 13.0.1
- Oracle Retail Store Inventory Management (SIM) 13.0.1
- Oracle Retail Warehouse Management System (RWMS) 13.0.1

Shipping and Receiving in RMS

In RMS, online shipping and receiving functionality was introduced to allow clients to set up their system so that shipping and receiving can be done within RMS, if a separate store or warehouse application is not used. Shipments created in RMS are published as ASNOut messages to either SIM or RWMS, so that receiving can be performed. For more details, see RMS 13.0.1 documentation.

(Internal reference: HPQC#1806)

Complex Promotions

In earlier releases, RIB handled only simple promotions. In the 13.0.1 release, RIB is required to handle complex promotions. For more details, see RPM documentation.

(Internal reference: bugzilla#1806)

RTV Request Detail Optional

When RMS sends an RtvReqMod message for RTV header modification, it does not include any details; thus, the RIV_RTVReqDtl_REC is now optional.

(Internal reference: HPQC#1823)

RIB_ISCDimDesc_REC

This is a fix for defect 6446091. The data type of net_weight and stat_cube have been changed from String to BigDecimal to accommodate the changes in the data types from varchar2 to Number(12,4).

(Internal reference: HPQC#1811)

PromotionDesc

The data type of DiscountLadder.Qual_value was changed from Number(2) to Number(20,4).

(Internal reference: HPQC#1862)

Technical Enhancements

The following technical enhancements are included in this release.

Operating System Certification

In addition to the support of Linux in RIB 13.0, the RIB 13.0.1 release introduces certification with the following operating systems:

- IBM AIX 5.3
- HP-UX Itanium 11.23
- Sun Solaris 10

Status Reporting for Down Adapters

The administration interface was reporting status incorrectly when the error hospital retry adapters were shut down. A fix has been made to report correctly on the status of adapters that have been shut down.

(Internal reference: HPQC#1797)

Oracle Retail Integration Bus Diagnostic and Monitoring Tool Kit (RDMT)

The following changes affect RDMT:

- RDMT RAC support

  This release includes RAC support for RDMT.

  (Internal reference: Bugzilla#2058)

- Multiple messages

  This funcitonality improves performance of RDMT when large volumes of messages are published.

  (Internal reference: Bugzilla#2108)

- Routing information for a message

  This feature allows dynamic addition of the routing information on the envelope for the payload being published.

  (Internal reference: Bugzilla#2101)

Known Issues

The following are known issues for Oracle Retail Integration Bus Release 13.0.1 Patch.

Error Hospital Retries for Entries with JMS Reason Code

Description: If messages are sent to the error hospital with reason code JMS (generally, when the JMS is down), the retry program fails with a database error (integrity constraint (STUBBY.RMF_RMG_FK) violated - child record found). Those messages in the error hospital cannot be processed.

Resolution/Workaround: Download and install the patch for BugDB defect number 7209670 - ERROR HOSPITAL RETRY PROBLEM FOR ENTRIES WITH JMS REASON CODE.

Some JMX Output Written to Standard Out

Description: When you use RDMT, the logs for some of the JMX functionalities, such as Start All Adapters or the OC4J/JMX Config Utility, are written to standard out instead of RIB logs.

Resolution/Workaround: None

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus Release 13.0.1 Patch documentation set:

- *Oracle Retail Integration Bus Implementation Guide*
- *Oracle Retail Integration Bus Installation Guide*
- *Oracle Retail Integration Bus Integration Guide*
- *Oracle Retail Integration Bus Operations Guide*

Copyright © 2008, Oracle. All rights reserved.

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software--Restricted Rights (June 1987). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Value-Added Reseller (VAR) Language

(i) the software component known as **ACUMATE** developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server - Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning and Oracle Retail Demand Forecasting applications.

(ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

(iii) the **SeeBeyond** component developed and licensed by Sun MicroSystems, Inc. (Sun) of Santa Clara, California, to Oracle and imbedded in the Oracle Retail Integration Bus application.

(iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Store Inventory Management.

(v) the software component known as **Crystal Enterprise Professional and/or Crystal Reports Professional** licensed by Business Objects Software Limited ("Business Objects") and imbedded in Oracle Retail Store Inventory Management.

(vi) the software component known as **Access Via™** licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.

(vii) the software component known as **Adobe Flex™** licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

(viii) the software component known as **Style Report™** developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(ix) the software component known as **WebLogic™** developed and licensed by BEA Systems, Inc. of San Jose, California, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(x) the software component known as **DataBeacon™** developed and licensed by Cognos Incorporated of Ottawa, Ontario, Canada, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.