

**Oracle® Retail Price Management**  
Release Notes  
Release 11.0.9

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# Preface

A Release Notes document can include some or all of the following sections, depending upon the release:

- Overview of the release
- Functional, technical, integration, and performance enhancements
- Assumptions
- Fixed defects
- Known issues

Because of their brevity, Release Notes do not include chapters, appendices, or a table of contents.

## Audience

Release Notes are a critical communication link between Oracle Retail and its retailer clients. There are four general audiences for whom a Release Notes document is written:

- Retail clients who want to understand the contents of this release
- Integrators and implementation staff who have the overall responsibility for implementing Oracle Retail Price Management (RPM) in their enterprise
- Business analysts who want high-level functional information about this release
- System analysts and system operation personnel who want high-level functional and technical content related to this release

## Related Documents

For more information, see the following documents in the Oracle Retail Price Management Release 11.0.9 documentation set:

- Oracle Retail Price Management Installation Guide
- Oracle Retail Price Management User Guide
- Oracle Retail Price Management Operations Guide Addendum
- Oracle Retail Price Management Data Model
- Oracle Retail Price Management Batch Schedule

## Customer Support

<https://metalink.oracle.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

## Conventions

**Navigate:** This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

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**Note:** This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

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This is a code sample  
It is used to display examples of code

[A hyperlink appears like this.](#)

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# Release Notes

This document contains information on the issues that have been fixed in Oracle Retail Price Management (RPM) since the previous release.

## Supported Oracle Retail Products

This version of RPM is compatible with the following Oracle Retail products:

- Oracle Retail Merchandising System (RMS) 11.0.9, including Oracle Retail Sales Audit (ReSA)
- Oracle Retail Allocation 11.0.5 & 11.1.4
- Oracle Retail Integration Bus (RIB) 11.1
- Oracle Retail Service Layer (RSL) 11.1
- Oracle Retail Data Warehouse (RDW) 11.0
- Oracle Retail Store Inventory Management (SIM), an application on the Integrated Store Operations (ISO) 11.0.0.3 platform release and with 11.0.2 patch level.
- Oracle Retail Extract Transform and Load (RETL) 11.2.2
- Oracle Retail Security Manager (RSM) 11.2

## Note Regarding Hot Fixes

RPM released 11.0.8.1, 11.0.8.2, 11.0.8.3, 11.0.8.4, and 11.0.8.5 bundled hot fixes since the 11.0.8 patch. Please note that the 11.0.9 release includes all modifications since 11.0.8. Installation guide documentation assumes a direct upgrade to 11.0.9 from 11.0.8. If any hot fixes were applied subsequent to 11.0.8, analysis should be done for any database scripts, as they would not have to be executed a second time.

## Noteworthy Modifications

### Update to Price Change Search Screen

When users choose to maintain price changes in RPM, they are first presented with a Price Change Search workflow. This workflow is used to define the search parameters that are used to query for existing price changes. Once the parameters are defined, the user selects the search button, and the Price Change Search workflow is replaced with the Maintain Price Changes workflow.

The Maintain Price Changes workflow is comprised of the Price Change List container and the Price Change Maintenance container. The price changes returned from the search parameters defined in the Price Change Search workflow populate a table located in the Price Change List container.

This change was made to the process of searching for price changes to increase performance of price change maintenance. An intermediate search results container has been introduced directly below the search parameter container. The current objects that are used to populate the Price Change List container in the Maintain Price Changes workflow are composite objects that take time to instantiate. By introducing an intermediate table with lightweight objects, the users of RPM will be able to perform broad searches for price changes, and then only retrieve the specific composite price change objects for the specific price changes that they want to modify.

The modified search functionality is active when a system option setting is enabled. Otherwise, the traditional price change search is active.

The price change and clearance search user interfaces have been modified so that the user is now required to input one of the following four search criteria:

- Department
- Item
- Price Change (or Clearance) ID
- Created By

By moving the fields that are rarely used into an expandable “Advanced” section, Oracle Retail has formatted the screens to resemble “promotions search” functionality

These changes also apply to the Maintain Clearances workflow.

## Update to Item LOV Search Processing

Oracle Retail removed the option to continue with an unfiltered item search. If no item ID or department information has been entered, users are informed that they cannot continue without entering an item ID or choosing a department. Previously, the user was warned but was able to continue with an unfiltered item search.

## Synchronous Price Change and Clearance Processing

In synchronous mode, from the Maintain Price Change or Maintain Clearance screen, when the user is changing the state of multiple price events, processing all of them is done as a single unit of work. Previously, each price event would be saved to the database and transitioned to its new state independently of the other price events. The implications of this change are that if one price event fails conflict checking, none of the price events will be moved to their new states.

## Popup for Asynchronous Processing Changed.

In asynchronous mode, from the Maintain Price Change or Maintain Clearance screen, when users are changing the state of one or more price events, the dialog that is displayed informing users that their tasks have been submitted for processing has been changed. Previously, the dialog was shown immediately after the user clicked the Update button, but potentially before the tasks actually were submitted. Now, the screen is frozen until the tasks have actually been submitted, after which the dialog is shown and the screen becomes functional again.

## Merch Extract Configuration

There is a new table called `RPM_MERCH_EXTRACT_CONFIG`. This table, as well as modifications to the merchandise extract batch process (`merchExtractKickOffBatch.sh`), allow clients to turn off areas of merchandise extract that they will not use; doing so improves the performance of the merchandise extract process. The table contains columns relating to areas of the extract process that can be skipped. If a column is set to '1', the extract looks up that value as part of the extract process. If the column is set to '0', the extract skips the look-up process for that data.

The code to effect the merchandise extract is in place. Oracle Retail suggests that clients analyze which areas of merchandise extract, supported as options in the table, they might consider turning off; however, Oracle Retail suggests that you do appropriate testing to ensure that this functionality works as expected. Oracle Retail anticipates that the next release will contain all the functionality needed to support this configuration enhancement to the merchandise extract batch process.

## New Item/loc Batch

This new option has not been fully performance-tested. However, Oracle Retail believes that this option will perform better than the RIB option for item location.

This option relies on the `RMS_TABLE_RPM_ITL_AIR` trigger on the `RMS_ITEM_LOC` table. This new trigger is created through the `RMS_TABLE_RPM_ITL_AIR.sql` script.

The `c5682842.sql` script creates the seed record in the `RPM_BATCH_CONTROL` table for the `NewItemLocBatch` thread configuration.

### Switching from RIB Mode to Batch Mode

To switch from RIB mode to Batch mode, follow these steps:

1. Delete existing records from table `RPM_STAGE_ITEM_LOC`.
2. Enable the new trigger `RMS_TABLE_RPM_ITL_AIR` on `ITEM_LOC`.
3. Stop the listener for new item loc RIB messages:
  - a. Log in to Websphere admin console.
  - b. Select the RIBforRPM server from Servers→Application Servers.
  - c. Click the Message Listener Service link.
  - d. Click the Listener Ports link.
  - e. Click the checkbox next to `ItemLocToRPMPort`.
  - f. Click Stop. The listener is now stopped.
  - g. Click the `ItemLocToRPMPort` link to configure the port.
  - h. Select Stopped from the Initial State combo box.
  - i. Click OK.
  - j. Restart the RIBforRPM app server and verify the status of `ItemLocToRPMPort`.

4. Delete JMS subscriber in Egate.
  - a. Log in to the Egate Schema Manager.
  - b. Click the JMS Administrator button in the toolbar.
  - c. Expand the item etItmLocFromRMS.
  - d. Right-click on the RPM subscriber (should have RPM in name) and select Delete Subscriber.
5. Configure the record in table RPM\_BATCH\_CONTROL with PROGRAM\_NAME of com.retek.rpm.batch.NewItemLocBatch to control threading.

### Running the Batch

To run the batch, enter the following from the command line:

```
NewItemLocBatch.sh <rpm-user> <password>
```

### Switching from Batch Mode to RIB Mode

To switch from Batch mode to RIB mode, follow these steps:

1. Start the listener for new item loc RIB messages.
  - a. Log in to the Websphere admin console.
  - b. Select the RIBforRPM server from Servers→Application Servers.
  - c. Click the Message Listener Service link.
  - d. Click the Listener Ports link.
  - e. Click the checkbox next to ItemLocToRPMPort.
  - f. Click Start. The listener is now started.
  - g. Click the ItemLocToRPMPort link to configure the port.
  - h. Select Started from the Initial State combo box.
  - i. Click OK.
  - j. Restart the RIBforRPM app server and verify the status of ItemLocToRPMPort.
2. Create JMS subscriber in Egate.
  - No action is needed.
3. Disable the new trigger RMS\_TABLE\_RPM\_ITL\_AIR on ITEM\_LOC.
4. Run the new batch (NewItemLocBatch.sh) to process any records remaining in RPM\_STAGE\_ITEM\_LOC.

### ZoneFutureRetailPurgeBatch

The ZoneFutureRetailPurgeBatch program deletes old error messages from the price change auto approve batch program.

To run this batch, enter the following from the command line:

```
zoneFutureRetailPurgeBatch.sh <username> <password>
```

### Merchandise Extract Item Deletion Workflow

The RSM insert script is required to add a named permission for the merchandise extract item deletion workflow. Once the named permission exists, the named permission must be assigned to roles in RSM to use the screen.

See the User Guide and Operations Guide for more information about the workflow.



## Changes to the Batch Process

The batch processing paradigm has been updated so that all the shell scripts that launch java batch programs will return failure (1) when the Java programs fail. This allows for dependencies to be properly set up in the batch schedule.

## Asynchronous Task Processing

The asynchronous task processing has been improved for this release. Because of these improvements, the RPMAsyncQueue (or whatever you named it from the installer) needs to be empty before the patch can be applied. If it is not empty, you will have to wait until all tasks have completed before you can apply the patch. The following is an SQL statement that you can execute to determine if you have tasks that have not completed processing:

```
select * from task where task_state_id = 0
```

If no rows are returned, then you can apply the patch. However, if rows are returned from the query above, you should inspect the created\_datetime value to make sure that the tasks are expected to finish. Tasks might be left in this state for a variety of reasons, even though they might not be expected to finish.

The new table RPM\_TASK is used to store task engine data.

After the installation is complete and the application server is restarted, the task engine will be restarted automatically.

## Asynchronous Task Viewing

There were several enhancements to the Asynchronous Task Viewing functionality. When the user enters the task viewing workspace, the user can now choose to search by Start or End date.

After the task list is returned, it contains the following new columns:

- Owner: The user who submitted the asynchronous task
- Status: The status of the asynchronous task
- Create Date: The date the asynchronous task was created
- Complete Date: The date the asynchronous task was completed
- Description: The pricing event (both type and id) along with the “action” (task type) taken

## New System Options

Two system options were added for this release, after some performance enhancements were made in Price Change/Clearance Maintenance workflows and the Maintain Promotion Component Detail workflow. Details on how these options are used are described in more detail in the Promotion Performance fix and Price Changes/Clearances Performance fix sections of this document.

These are the two new system options:

- Display Full Promotion Column Detail
- Display Full Price Change/Clearance Column Detail

## Promotions Performance Fix – Column Detail

The 11.0.8.3 release contains a performance fix that will modify the user experience in the promotions dialog. This will only affect clients who set a new system indicator (Display Full Promotion Column Detail) to unchecked. The system indicator will default to checked, so that current installs will not be affected.

When the user applies item/loc discount detail to a promotion component, the system populates the Promotion Component Detail Maintenance table. Prior to the included fix, if the user applied large item/loc volumes, this process had performance issues. Now when the user populates the detail maintenance screen from an Apply action, only a portion of the columns in the table are populated. If the user wants to review the details for the remaining columns, which tend to be the performance-intense fields, the user can do so by selecting rows and requesting the additional data.

For users for whom the promotion being created is fixed, or there is not a general need to review markup percentages or cost, and so on, they will find the limited column population a significant timesaver. For the user who wants to review rows of the component detail for additional column data, the user can select the rows and click the Add Column Detail button. The system will populate the additional data requested by the user. The user should request additional data for rows based on logical units of work that the user plans to review or edit. Oracle Retail recommends that users manage the number of rows for which they select additional detail based on how they plan to edit the detail, or for rows where the user wants to sort or review markup. There is a property file setting within RPM that each client can set to limit the number of rows that a user can select when requesting the additional detail. If the number of rows exceeds this value, the user will receive a message to select fewer rows. This will generally eliminate the need to request detail for all the rows in a component detail window.

### Detailed User Experience

When the user clicks Apply during the creation of a promotion component, the details will populate into the promotion component detail maintenance table as they currently do. The user's saved column settings (order, hiding, sizing) perform the same. The columns listed below will contain a dash symbol (-), because the data is not immediately retrieved.

- Current cost
- Current regular retail
- Current average retail
- Current retail/UOM
- Basis cost
- Basis retail
- Basis average retail
- Basis retail UOM
- Current markup %
- Basis markup %
- Promo markup %
- Funded markup
- Corporate markup
- Total funded markup

- Promotional retail
- Promotional average retail
- Promotional retail UOM
- Funded %
- Corporate amount
- Cost change during promotion
- Location on clearance
- Retail change during promotion
- Attribute 1
- Attribute 2
- Attribute 3
- Price guide
- Selling UOM

The user can obtain the detail for these columns by selecting the rows for the item/loc the user wants to review/edit and clicking the Add Column Detail button. The dash (-) in the columns listed above will be replaced either by data (if data is available for the row), or with null (if no data is available to present).

A component of the performance fix includes running a subset of the merge logic of conflict checking against promotions when the additional column detail is requested. If one of the promotion merge validators is tripped as part of the user requesting column detail, a message informs the user that not all of the data could be provided, because a conflict will be pending. The details of the conflict will be revealed to the user when conflict checking runs (submit or approve). The merge validators included in this conflict checking subset are as follows:

- Only one item/loc can exist per promotion component
- An item/loc can only exist twice within a promotion
- An item/loc can only exist on two promotions
- An exclude type can only exist once in a given promotion
- A promotion cannot be scheduled over a location move.

### Threshold Promotions

The columns for thresholds promotions in the promotion component detail maintenance table will behave in a similar fashion, with the columns requiring lookups or calculations appearing as dash (-) marks until the user requests the detail for the given rows.

## Price Changes – Clearances Performance Fix – Column Detail

RPM version 11.0.8 included a modification to the price change and clearance dialogs such that the columns that calculated markup (or were used in the calculation) could be maintained in a separate view, to improve performance. The Standard View and Markup View approach was introduced, to improve the speed with which the price change apply process populates the price change list.

Oracle Retail has discovered that the performance improvement of the Standard View and Markup view approach gained only a minimal benefit, and so a new approach was sought. In the process of reviewing a solution for the promotions dialog, it was discovered that limiting the data that is populated in certain columns greatly improved the performance, at a minimal impact to the user. This same approach has been applied to the clearance and price change dialogs.

This change will affect all clients to the extent that the Standard View and Markup View has been removed and this column data limiting approach will take its place. If clients were not using the Standard view functionality then the only impact would be for clients who set a new system indicator (Display Full Price Change/Clearance Column Detail) to unchecked. The system indicator will be defaulted to checked so that current installs will not be impacted.

When the user applies item/loc discount detail to a price change or clearance the system populates the detail table for that price event. If the user applies large item/loc volumes this process had suffered performance issues in the past. Now when the user populates the detail maintenance screen from an Apply action, only a portion of the columns in the table are populated. If the user wants to review the details for the remaining columns, which tend to be the performance intense fields, the user can do so by selecting row(s) and requesting the additional data.

For users where the price change or clearance being created is fixed or there is not a general need to review markup percentages or cost, and so on, the user will find the limited column population to be a significant timesaver. For the user who wishes to review a row(s) of the component detail for additional column data the user can select that row(s) and click the Add Column Detail button. The system will populate the additional data requested by the user. The user should request additional data for rows based on logical units of work the user plans to review or edit. Oracle Retail recommends that users manage the number of rows they select additional detail based how they plan to edit the retail or for rows where they want to sort or review markup. There is a property file setting within RPM that each client can set to limit the number or rows that a user can select when requesting the additional detail. If they select a number of rows that exceeds this value they will receive a message to select fewer rows.

### Price Changes Detailed User Experience

When the user clicks Apply during the creation of a Price Change the details will populate into the detail maintenance table as they currently do. The user's saved column settings (order, hiding, sizing) perform the same. The columns listed below will contain a dash symbol (-) because the data is not immediately retrieved.

- Current Unit Retail
- Current Average Retail
- Current UOM
- Current Cost
- Current markup %
- Basis Unit Retail
- Basis Average Retail
- Basis UOM
- New Retail
- New Average Retail
- New Selling UOM
- New Cost
- New Markup %
- Price Change %
- Current Multi Units
- Current Multi Units Average
- Current Multi Unit Retail
- Current Multi Unit Retail Average
- Current Multi Unit UOM
- Basis Multi Units
- Basis Multi Units Average
- Basis Multi Unit Retail
- Basis Multi Unit Retail Average
- Basis Multi Unit UOM
- New Multi Units
- New Multi Unit Retail
- New Multi Unit Selling UOM

The user can obtain the detail for these columns by selecting the rows for the item/loc the user wants to review/edit and clicking the Add Column Detail button. The dash (-) in the columns listed above will be replaced either by data (if data is available for the row), or with null (if no data is available to present).

This limited view also applies to the user experience when the user is editing a price change. The custom view of the columns is presented with the data limited columns (called out above), displayed with dashes until the user selects rows and clicks Add Column Detail.

### Clearances Detailed User Experience

When the user clicks Apply during the creation of a Clearance, the details will populate into the detail maintenance table as they currently do. The user's saved column settings (order, hiding, sizing) perform the same. The columns listed below will contain a dash symbol (-) because the data is not immediately retrieved.

- Current Unit Retail
- Current Average Retail
- Current Clearance Retail
- Current Clearance Average Retail
- Current UOM
- Current Cost
- Current markup %
- Basis Unit Retail
- Basis Average Retail
- Basis Clearance Retail
- Basis Clearance Average Retail
- Basis UOM
- New Clearance Retail
- New Average Clearance Retail
- New Selling UOM
- New Cost
- New Markup %

The user can obtain the detail for these columns by selecting the row(s) for the item/loc the user wants to review/edit and click the Add Column Detail button. The dash (-) in the columns listed above will be replaced either by data (if data is available for the row) or with null (if no data is available to present).

This limited view also applies to the user experience when the user is editing a clearance. The custom view of the columns is presented with the data limited columns (called out above) displayed with dashes until the user selects rows and clicks Add Column Detail.

### Configuration Changes for Promotions/ Price Changes

There are two new properties that are used to control the maximum number of price changes/clearances and promotion component details that the user can select, prior to clicking the Add Column Details button on the Maintain Price Changes, Maintain Clearances, and Maintain Promotion Component Detail workflows. These properties are in the rpm\_client.properties file contained in the client jar.

```
price_change_calculate_markup_warn_threshold  
promotion_calculate_markup_warn_threshold
```

## No RIB Publishing

RPM has three configuration options regarding RIB publishing:

- `Delete_staged_rib_payloads=true | false` (default is true): configured in `rpm.properties`
- `retek.no.rib=true | false` (default is false): configured via JVM system property
- `retek.no.rib.publish=true | false` (default is false): configured via JVM system property

This is how RPM will work with each combination of these properties (first row is default settings):

Configuration Settings			Results		
<code>delete_staged_rib_payloads</code>	<code>retek.no.rib</code>	<code>retek.no.rib.publish</code>	Receive messages from RIB	Publish messages to RIB	Data remains in staging tables
TRUE	FALSE	FALSE	Yes	Yes	No
TRUE	FALSE	TRUE	Yes	No	No
TRUE	TRUE	<ANY>	No	No	No
FALSE	FALSE	FALSE	Yes	Yes	Yes
FALSE	FALSE	TRUE	Yes	No	Yes
FALSE	TRUE	<ANY>	No	No	Yes

This is how to set the options for the different results:

- Receive messages from RIB: `retek.no.rib=false`
- Publish messages to RIB: `retek.no.rib=false` AND `retek.no.rib.publish=false`
- Leave data in staging tables: `delete_staged_rib_payloads=false`

## ItemLocDeleteBatch Batch

The new ItemLocDeleteBatch program was introduced to handle RMS deletions of item locations. When RMS deletes an item location, RPM now removes the Item/Location rows from the RPM\_FUTURE\_RETAIL table so that pricing events are no longer published out of RPM.

These item location deletions can be processed through either of two methods:

- The RMS\_TABLE\_RPM\_ITL\_AIR trigger
- A RIB message

These two options work the same as the batch and RIB modes for the New Item Location batch introduced in release 11.0.8.3. Documentation for switching between batch or RIB modes is found in the Release Notes for 11.0.8.3.

In the batch mode, the RPM\_STAGE\_DELETED\_ITEM\_LOC table is populated by the trigger RMS\_TABLE\_RPM\_ITL\_AIR. In RIB mode, the RPM\_STAGE\_DELETED\_ITEM\_LOC table is populated by subscribing to the itemlocmod and itemlocdel messages from RMS.

### Usage

The following command runs the ItemLocDeleteBatch job:

```
ItemLocDeleteBatch.sh userid password
```

The first argument is the user ID and the second argument is the password.

Follow these steps to prepare to use this batch when the RIB is turned off:

1. Delete existing records from the table RPM\_STAGE\_DELETED\_ITEM\_LOC.
2. Enable the new trigger RMS\_TABLE\_RPM\_ITL\_AIR on table ITEM\_LOC.
3. Stop the listener for Item/Location Creation RIB messages, as follows:
  - a. Log in to the Websphere administration console.
  - b. Select the RIBforRPM server from Servers > Application Servers.
  - c. Click the Message Listener Service link.
  - d. Click the Listener Ports link.
  - e. Select the check box next to ItemLocToRPMPort.
  - f. Click Stop. The listener is now stopped.
  - g. Click the ItemLocToRPMPort link to configure the port.
  - h. Select "Stopped" from the Initial State combo box.
  - i. Click OK.
  - j. Restart the RIBforRPM application server and verify that ItemLocToRPMPort is stopped.
4. Delete JMS subscriber in Egate, as follows:
  - a. Log in to the Egate Schema Manager.
  - b. Click the JMS Administrator button in the toolbar.
  - c. Expand the item etItmLocFromRMS.
  - d. Right-click on the RPM subscriber (it should have "RPM" in its name) and select "delete subscriber."



To reconfigure the system to process Item/Location deletion and modification messages through the RIB, follow these steps:

1. Modify the filter in the rib.properties file for RIBforRPM as follows, for RPM to subscribe to itemlocmod and itemlocdel:  
`tafr.types.filter.itemloc=ItemLocCre,ItemLocMod,ItemLocDel`
2. Start the listener for Item/Location Creation RIB messages, as follows:
  - a. Log in to the Websphere administration console.
  - b. Select the RIBforRPM server from Servers > Application Servers.
  - c. Click the Message Listener Service link.
  - d. Click the Listener Ports link.
  - e. Select the check box next to ItemLocToRPMPort.
  - f. Click Start. The listener is now started.
  - g. Click the ItemLocToRPMPort link to configure the port.
  - h. Select "Started" from the Initial State combo box.
  - i. Click OK.
  - j. Restart the RIBforRPM app server and verify that ItemLocToRPMPort is started.
3. Create a JMS subscriber in Egate.

---

**Note:** No action is needed.

---

4. Disable the new trigger RMS\_TABLE\_RPM\_ITL\_AIR on ITEM\_LOC.
5. Run the new batch (ItemLocDeleteBatch.sh) one time to process any records remaining in the RPM\_STAGE\_DELETED\_ITEM\_LOC table.

### Scheduling Notes

This batch can be run ad hoc.

## Configuration Files Moved for Easier Access

Prior to this release, there were several configuration files kept inside of the rpm11.jar file. We have moved these files out of rpm11.jar, and up to the ear-file level. This will allow them to be modified in-place in the WebSphere deployment rather than extracting and updating files with the jar utility. For the WebStart client and Java batch components of the application, a new rpm\_client\_config.jar file has been created to contain the files that have been removed from rpm11.jar.

Please note that the rpm.properties and system.properties files have moved as a result of this change.

- rpm.properties can now be modified directly in its deployment location, under \$WAS\_HOME/installedApps/<node>/<appname>.ear/conf
- system.properties can be found under \$WAS\_HOME/installedApps/<node>/<appname>.ear/conf/retek

## RetekConfigurationException after RPM 11.0.9 upgrade

After upgrading to RPM 11.0.9, users may encounter the following error in Java WebStart:

```
com.retek.platform.exception.RetekConfigurationException: No such config file
(config file "retек/service_flavors.xml")
exception id: 1168842945163
    at com.retek.platform.util.ConfigUtils.getXmlConfigAsJdomDocument(ConfigUtils.java:108)
    at com.retek.platform.service.ServiceFactory.readConfig(ServiceFactory.java:381)
```

This can occur because the user's web browser has cached the previous version of the rpm11.jnlp file. In RPM 11.0.9 rpm11.jnlp has been updated to use the new rpm\_client\_config.jar file. The solution is to clear the browser cache and then try again. See the following URL for instructions on how to clear the Internet Explorer browser cache:

<http://www.microsoft.com/windows/ie/ie6/using/howto/customizing/clearcache.msp>

## Installation Process Changes for the Multi-Thread Job Server

With the addition of rpm11-mt-server.war to the RPM application, there are some additional installation steps to be aware of. The RPM 11.0.9 installation guide contains these items within a complete set of instructions. Below are the changes since RPM 11.0.8:

- The rpm11-mt-server.war web module should have a classloader policy of PARENT\_LAST. The default in WebSphere is PARENT\_FIRST, so this must be changed by the user.
- The new rpm.conflictcheck.mode JVM property should be set in the WebSphere admin console for the server instances running RPM 11.0.9.
- There are four new prompts in the install.sh script. They have been inserted before the schema owner prompt. Here is the new prompt order, with the new prompts marked with asterisks (\*):

```
RPM JNDI URL
RPM HTTP URL
RSM JNDI URL
RIBforRPM JNDI URL
JMS queue name
*JDBC URL
*JDBC Username
*JDBC Password
*JDBC Transaction Timeout
RPM schema owner
```

- The hibernate2.jar file must be placed under the WEB-INF/lib directory in the rpm11-mt-server.war file, in addition to the lib directory under rpm11.ear. A new release of the hibutil.ksh should take care of this.

## **rpm11-mt-server.war**

This war file was added to the application but is currently not used.

## **Database**

The testing for this release was done on Oracle9i Enterprise Edition Release 9.2.0.8.0 database.