

Oracle® Retail Price Management
Operations Guide Addendum
Release 10.1.8

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Preface

Oracle Retail Operations Guides are designed so that you can view and understand the application's behind-the-scenes processing, including such information as the following:

- Key system administration configuration settings
- Technical architecture
- Functional integration dataflow across the enterprise
- Batch processing

This Operations Guide Addendum should be used in conjunction with previously released Oracle Retail Price Management System 10.x documentation.

Audience

Anyone with an interest in developing a deeper understanding of the underlying processes and architecture supporting Oracle Retail Price Management System functionality will find valuable information in this guide. The audience includes the following:

- Business analysts looking for information about processes and interfaces to validate the support for business scenarios within and other systems across the enterprise.
- System analysts and system operations personnel who are looking for information about Oracle Retail Price Management System's processes internally or in relation to the systems across the enterprise.
- System analysts and system operations personnel who operate the Oracle Retail Price Management System regularly.
- Integrators and implementation staff with overall responsibility for implementing Oracle Retail Price Management System.

Related Documents

For more information, see the following documents in the Oracle Retail Price Management Release 10.1.8 documentation set:

- *Oracle Retail Price Management Release Notes*
- *Oracle Retail Price Management Installation Guide*

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

Review Patch Documentation

For a base release ("0" release, such as 10.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch documentation can contain critical information related to the base release, based on new information and code changes that have been made since the base release.

Oracle Retail Documentation on the Oracle Technology Network

In addition to being packaged with each product release (on the base or patch level), all Oracle Retail documentation is available on the following Web site:

http://www.oracle.com/technology/documentation/oracle_retail.html

Documentation should be available on this Web site within a month after a product release. Note that documentation is always available with the packaged code on the release date.

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."

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

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

A hyperlink appears like this.

Introduction

The information in this document reflects modifications and updates to the *Oracle Retail Price Management 10.1 Operations Guide* and any subsequent RPM 10.1.x Operations Guide Addendums. (The *Oracle Retail Price Management 10.1 Operations Guide* is the most recent release of the full operations guide for the 10.0 release of RPM.) Using this document in conjunction with the *Oracle Retail Price Management 10.1 Operations Guide* provides retailers with a complete overview of the application.

For the Oracle Retail Price Management 10.1 release, additional information has been added to Chapter 2: In the section called “Run Front-End batch,” a sample front end batch shell script has been provided under “Set Up the Classpath.”

For more specific information regarding enhancements and modifications made to the previous Oracle Retail Price Management release, see the *Oracle Retail Price Management 10.1.8 Release Notes*.

Batch Processes

Refer to this section in place of the section in the Oracle Retail Price Management 10.1 Operations Guide titled “Run Front-End Batch” in Chapter 2, “Post-Installation Operations.”

Run Front-End Batch

In your environment, create a batch folder under <\$ORACLE_HOME> and put the FrontEnd.sh file (from the released bundle) into this folder.

RPM’s FrontEnd batch (FrontEnd.sh) needs to run in two situations:

- After completion of the RPM installation in order to populate two RPM tables.
- During RPM’s scheduled snapshot to populate the pricing worksheet.

Set Up the Classpath

For the system to find RPM’s class libraries, the classpath must be set up. The classpath is an environment variable that tells the Java virtual machine and RPM where to find the class libraries, including user-defined class libraries like FrontEnd.class.

Modify the JAVA_HOME, JAVA_OPTS, RPM_HOME, ORACLE_HOME and RPM_LIB in script **FrontEnd.sh** according to your environment settings. Below is an example of the FrontEnd.sh file.

Note: Keeping the value of JAVA_OPTS as shown in this example is recommended.

```
#!/bin/ksh

# =====
# RPM 10.1 Front End Batch Shell Script
#
# JAVA_HOME      - Point this to the base directory of the 1.4.2 Java install.
# JAVA_OPTS      - Miscellaneous JVM options.
# RPM_HOME       - The base RPM installation directory.
#                  This will be somewhere in the OC4J directory
#                  tree.
# ORACLE_HOME    - Point this to the base directory of OC4J
# RPM_LIB        - The directory containing the JAR files for the front end
#                  classpath.
# RPM_CLASSPATH  - The FrontEnd batch Java classpath.
# =====

JAVA_HOME=/vol.rtk/java/aix53/java1.4.2_125.32bit

JAVA_OPTS="-Xms128M -Xmx1024M"

RPM_HOME=/u00/webadmin/product/10.1.3/OracleAS_1/j2ee/rpm10-
instance/applications/rpm10/rpm

ORACLE_HOME=/u00/webadmin/product/10.1.3/OracleAS_1

RPM_LIB=${RPM_HOME}/WEB-INF/lib
```

```
RPM_CLASSPATH=${RPM_HOME}/WEB-INF/classes
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/classes12.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/commons-dbc2-1.2.2.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/commons-logging-1.1.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/commons-pool-1.3.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/concurrent.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/hsqldb.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/jcs-1.3.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/jdbc2_0-stdext.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/log4j.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/servlet.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/struts.jar
RPM_CLASSPATH=${RPM_CLASSPATH}:${RPM_LIB}/strutstest.jar

echo "Running FrontEnd batch..."
echo $1
$JAVA_HOME/bin/java $JAVA_OPTS -classpath $RPM_CLASSPATH
com.retek.rpm.batch.FrontEnd $1

echo "FrontEnd batch completed."
```

Run Front-End Batch After Installation

Run FrontEnd.sh from the <\$ORACLE_HOME>/batch folder using this command:

```
FrontEnd.sh pop
```

Be sure that the RPM tables, RPM_DEPS and RPM_SYS_OPT, are populated with data.

Note: The RPM Operations Guide lists the RMS tables used by the RPM Worksheet (from which RPM extracts data), the RPM classes and methods that contain the SQL statements used in the extraction, and the RPM tables that are populated with the data. See the section, “RPM classes and methods, used by the RPM Worksheet, for RMS data interaction” in Chapter 4.
