

Oracle® Retail Warehouse Management System
Installation Guide
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Send Us Your Comments

Oracle Retail Warehouse Management System, Installation Guide, Release 12.0.11

Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

Note: Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the new Applications Release Online Documentation CD available on My Oracle Support and www.oracle.com. It contains the most current Documentation Library plus all documents revised or released recently.

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Preface

Oracle Retail Installation Guides contain the requirements and procedures that are necessary for the retailer to install Oracle Retail products.

Audience This Installation Guide is written for the following audiences:

- Database administrators (DBA)
- System analysts and designers
- Integrators and implementation staff

Related Documents

For more information, see the following documents in the Oracle Retail Warehouse Management System Release 12.0.11 documentation set:

- *Oracle Retail Warehouse Management System Release Notes*

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:
<https://support.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

When you install the application for the first time, you install either a base release (for example, 12.0) or a later patch release (for example, 12.0.10). If you are installing the base release and additional patch and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation.

Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

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

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

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.”

This is a code sample

It is used to display examples of code

Preinstallation Tasks

Check Database Server Requirements

General Requirements for a database server running RWMS include:

Supported on:	Versions Supported:
Database Server OS	OS certified with Oracle Database 9i Enterprise Edition. Options are: <ul style="list-style-type: none"> ▪ AIX 5.3 ▪ Solaris 10 Sparc ▪ HP-UX 11.23 (PARISC)
Database Server	Oracle Database 9i Enterprise Edition (minimum 9.2.0.8 patchset required) with the following patches and components: Patches: <ul style="list-style-type: none"> ▪ 9.2.0.8 patchset 4547809. ▪ Oneoff patch: 4689959 (DST RULE CHANGE IN US, NEED PATCHED TIMEZONE FILES) Components: <ul style="list-style-type: none"> ▪ Oracle Database ▪ Oracle Partitioning ▪ Oracle Net Services ▪ Oracle Call Interface (OCI) ▪ Oracle Programmer ▪ Oracle XML Development Kit Perl compiler 5.0 or later x-Windows interface

Check Application Server Requirements

General requirements for an application server capable of running RWMS include:

Supported on:	Versions Supported:
Application Server OS	Application Server OS certified with Oracle Application Server (9IAS) 1.0.2.2.x and Forms Server 6i. Options are: <ul style="list-style-type: none"> ▪ AIX5.3 ▪ Solaris 10 ▪ HP-UX 11.23 Application Server Oracle Application Server (9IAS) 1.0.2.2.x x-Windows interface (only if UNIX OS)
Application Server	Oracle Application Server Forms and Reports (9IAS) 1.0.2.2.x with the forms server 6i upgrade for RWMS from 6.0.8.27.0 (patch set 18) to 6.0.8.28.0 (patch set 19)

Check Web Browser and Client Requirements

General requirements for client running RWMS include:

Requirement	Version
Operating system	Microsoft Windows 2000, XP Pro SP2
Sun JRE Plug-in	Oracle JInitiator 1.1.8.xx
Browser	Microsoft Internet Explorer version 7.0

Supported Oracle Retail Products

Requirement	Version
RMS	12.0.11
SIM	12.0.11

Database Upgrade Instructions

This chapter describes how you can upgrade the RWMS database with this patch release.

Before You Begin

Before you apply the RWMS 12.0.11 patch:

- Make a backup of all your objects and database schema.
- Check that RWMS 12.0.1 through 12.0.10 are installed.
- Review the enclosed RWMS 12.0.11 Patch Release Notes (rwms-12011-rn.pdf).
- Review each of the enclosed defect documents.

Before copying over any files:

- Note whether customizations have been made to the module. If so, then the customizations must be reapplied over the new version of the module (or the fix may need to be applied to the custom version of the code).
- Copy the original files to a different directory before copying over them in case they need to be referred to at a later date.

Note: These instructions refer to RWMS12DEV as the Oracle owning schema.

Copy from CD Directory

1. Copy the rwms12011dbpatch.zip file from the CD/dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file using the following command:

```
unzip rwms12011dbpatch.zip
```

Create RIB Objects

1. Change directories to INSTALL_DIR/rib_objects
2. Log into sqlplus as RWMS12DEV and run the following command:

```
SQL> @rwms12011rib.sql
```
3. Check the log file rwms12011rib.log for any errors noting that ORA-04043 errors are to be ignored.

Update RWMS DDL

1. Change directories to the <staging area>/dbcs.
2. Log on to SQL* Plus as RWMS12DEV, and run the following command:

```
SQL> @patch12011dbcs.sql
```
3. Check the log file patch12011dbcs.log for any errors.

Update RWMS Database Objects

1. Change directories to the <staging area>/db_objects.
2. Log on to SQL*Plus as RWMS12DEV, and run the following command:
SQL> @patch12011rwms.sql
3. Check the log file patch12011rwms.log for any errors.

Update Data for RWMS

1. Change directories to the <staging area>/data.
2. Log on to SQL*Plus as RWMS12DEV, and run the following command:
SQL> @patch12011ctl.sql
3. Check the log file patch12011ctl.log for any errors.

Validate all Invalid Objects

Note: Deadlocked objects may appear when running this script. Run the script until no more invalid objects remain.

1. Change directories to <INSTALL_DIR>/utility.
2. Log on to SQL*Plus as RWMS12DEV, and run the following command:
SQL> @inv_obj_comp.sql

You may need to run this script more than once.

Application Server Installation Instructions

This chapter describes how you can apply this patch release to an RWMS 12.0.x environment set up for your business.

In this chapter,

- `INSTALL_DIR` indicates the location where the RWMS 12.x files are extracted.
- `9IAS10G_ORACLE_HOME` indicates the location where the Oracle 9iAS 10g Forms and Reports Services (9iAS 10g) are installed.

Copy from CD Directory

1. Copy the `rwms12011apppatch.zip` file from the `CD/appserverunix` directory to a newly created staging directory on your UNIX server.
2. Unzip the file using the following command:

```
unzip rwms12011apppatch.zip
```

Setting Up the Environment Variables

1. Set and export your `DISPLAY` variable.
 For example:

```
export DISPLAY=10.1.2.153:0.0
```
2. Set the following variables:

```
export FORMS60_PATH= <INSTALL_DIR>/forms/bin
```

 (Fill in the appropriate values for `<INSTALL_DIR>`)

```
export UP=<db_user>/<db_user_password>@<oracle_db>
```

 (`db_user` is the RWMS oracle schema owner.)

```
export LD_LIBRARY_PATH=
9IAS_ORACLE_HOME/6iserver/lib:9IAS_ORACLE_HOME/6iserver/network/jre11/lib/spar
c/native_threads
```

```
export REPORTS60_PATH=<INSTALL_DIR>/reports/bin
```

```
export PATH=<INSTALL_DIR>/forms6i_scripts:$PATH
```

```
export NLS_LANG=AMERICAN.AMERICA.utf8
```

```
export TK60_UNKNOWN=(location of the Tk2Motif.rgb)
```

Copying the Files

1. Change directories to `<staging area>/forms`.
2. Copy all files from `<staging area>/forms/src` to `<INSTALL_DIR>/forms/src`.
3. Copy all files from `<staging area>/forms/bin` to `<INSTALL_DIR>/forms/bin`.
4. Change directories to `<staging area>/reports`.
5. Copy all files from `<staging area>/reports/src` to `<INSTALL_DIR>/reports/bin`.

Compiling the RWMS Libraries (*.pll)

1. Change directories to <INSTALL_DIR>/forms/src.
2. Copy all of the libraries (.pll files) in the <INSTALL_DIR>/forms/src to the <INSTALL_DIR>/forms/bin.
3. Change directories to <INSTALL_DIR>/forms/bin.
4. Run the p112plx script.
This converts the .pll files to .plx format. The messge36.pll and stand36.pll files do not convert.

Compiling the Forms (*.fmb)

1. Change directories to <INSTALL_DIR>/forms/src.
2. Use the fmb2fmx script in the following manner to compile and generate the executable forms (.fmx):
> chmod 755 fmb2fmx (if necessary).
> ./fmb2fmx
3. Check to make sure each .fmb file has a corresponding .fmx file. If a form fails to compile (there is no .fmx file), you may have to manually compile the form by launching the form builder tool (f60desm&).
4. From the <INSTALL_DIR>/forms/src directory, run the following command to move all the .fmx files to the <INSTALL_DIR>/forms/bin directory:
> mv *.fmx ../bin

Compiling the Menus (*.mmb)

1. Change directories to <INSTALL_DIR>/forms/src.
2. Use the mmb2mmx script in the following manner to compile and generate the executable form menu (.mmx):
> chmod 755 mmb2mmx (if necessary).
> ./mmb2mmx
3. From the <INSTALL_DIR>/forms/src directory, run the following command to move all the .mmx files to the <INSTALL_DIR>/forms/bin directory:
> mv *.mmx ../bin