

**Oracle® Retail Warehouse Management System**  
Installation Guide  
Release 12.0.9

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



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# Contents

<b>Preface .....</b>	<b>vii</b>
Audience .....	vii
Related Documents.....	vii
Customer Support.....	vii
Review Patch Documentation.....	vii
Oracle Retail Documentation on the Oracle Technology Network.....	vii
Conventions.....	viii
<b>1 Preinstallation Tasks.....</b>	<b>1</b>
Check Database Server Requirements .....	1
Check Application Server Requirements.....	1
Check Web Browser and Client Requirements.....	2
Supported Oracle Retail Products .....	2
<b>2 Database Upgrade Instructions.....</b>	<b>3</b>
Before You Begin.....	3
Mount CD-ROM on the Database Server .....	3
Update RIB Objects.....	3
Update RWMS DDL .....	3
Update RWMS Database Objects.....	4
Update Data for RWMS .....	4
Validate all Invalid Objects.....	4
<b>3 Application Server Installation Instructions .....</b>	<b>5</b>
Mount CD-ROM on the Application Server.....	5
Setting Up the Environment Variables .....	5
Copying the Files .....	5
Compiling the RWMS Libraries (*.pll).....	6
Compiling the Forms (*.fmb).....	6
Compiling the Menus (*.mmb) .....	6
Copying the Help Files.....	6



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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 12.0.9 documentation set:

- Oracle Retail Warehouse Management System Release Notes
- Oracle Retail Warehouse Management System Operations Guide
- Oracle Retail Warehouse Management System Radio Frequency User 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

If you are installing the application for the first time, you install either a base release (for example, 13.0) or a later patch release (for example, 13.0.2). If you are installing a software version other than the base release, be sure to read the documentation for each patch release (since the base release) before you begin installation. Patch documentation can contain critical information related to the base release 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 (with the exception of the Data Model which is only available with the release packaged code):

[http://www.oracle.com/technology/documentation/oracle\\_retail.html](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.

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## 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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## 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 9i Enterprise Edition. Options are: <ul style="list-style-type: none"> <li>▪ AIX 5.2</li> <li>▪ AIX 5.3</li> <li>▪ Solaris 10</li> <li>▪ HP-UX 11.23</li> </ul>
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"> <li>▪ 4689959 (DST RULE CHANGE IN US, NEED PATCHED TIMEZONE FILES)</li> </ul> Components: <ul style="list-style-type: none"> <li>▪ Oracle Database</li> <li>▪ Oracle Partitioning</li> <li>▪ Oracle Net Services</li> <li>▪ Oracle Call Interface (OCI)</li> <li>▪ Oracle Programmer</li> <li>▪ Oracle XML Development Kit</li> </ul> ANSI compliant C compiler (certified with OS and database version) 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	OS certified with Oracle Application Server (9IAS) 1.0.2.2.x. Options are <ul style="list-style-type: none"> <li>▪ AIX5.2</li> <li>▪ AIX5.3</li> <li>▪ Solaris 10</li> <li>▪ HP-UX 11.23</li> </ul>
Application Server	Oracle Application Server (9IAS) 1.0.2.2.x x-Windows interface (only if UNIX OS)

## Check Web Browser and Client Requirements

General requirements for client running RWMS include:

<b>Requirement</b>	<b>Version</b>
Operating system	Microsoft Windows 2000, XP Pro SP2
Sun JRE Plug-in	Oracle JInitiator 1.1.8.xx
Microsoft Internet Explorer	version 5.5, 6.0 and higher

## Supported Oracle Retail Products

<b>Requirement</b>	<b>Version</b>
Oracle Retail Merchandising System (RMS)	12.0.9
SIM	12.0.9

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# 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 12.0.9 patch:

- Make a backup of all your objects and database schema.
- Check that RWMS 12.0.1 through 12.0.8 are installed.
- Review the enclosed RWMS 12.0.9 Patch Release Notes (rwms-1209-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.

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

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## Mount CD-ROM on the Database Server

1. Copy the rwms1209dbpatch.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 rwms1209dbpatch.zip
```

## Update RIB Objects

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

```
SQL> @patch1209rib.sql
```

Check the log file patch1209rib.log for any errors.

## 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> @patch1209dbcs.sql
```

3. Check the log file patch1209dbcs.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> @patch1209rwms.sql
3. Check the log file patch1209rwms.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> @patch1209ctl.sql
3. Check the log file patch1209ctl.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.

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## Application Server Installation Instructions

This chapter describes how you can apply this patch release to a 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.

### Mount CD-ROM on the Application Server

1. Copy the `rwms1209apppatch.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 rwms1209apppatch.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/src`.
2. Copy all files from `<staging area>/forms/src` to `<INSTALL_DIR>/forms/src`.
3. Change directories to `<staging area>/forms/bin`.
4. 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
```

## Copying the Help Files

1. Change directories to <staging area>/webhelp.
2. Copy all files from <staging area>/webhelp to <INSTALL\_DIR>/web\_html/help.