

Oracle® Retail Warehouse Management System
Installation Guide
Release 12.0.4

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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 12.0.4 documentation set:

- Oracle Retail Warehouse Management System Release Notes

Review Patch Documentation

For a base release ("0" release, such as 12.0), 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.

Customer Support

- <https://metalink.oracle.com>

When contacting Customer Support, please provide:

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

Pre-Installation Tasks

Supported Oracle Retail Products

Requirement	Version
Oracle Retail Merchandising System (RMS)/Oracle Retail Trade Management (RTM)/Oracle Retail Sales Audit (ReSA)	12.0.4
Oracle Retail Store Inventory Management (SIM)	11.1.3

Supported Oracle Retail Integration Technologies

Requirement	Version
Oracle Retail Integration Bus (RIB)	12.0.1

Database Installation Instructions

Before you apply the RWMS 12.0.4 patch:

- Make a backup of all your objects and database schema.
- Check that RWMS 12.0.3 is installed.
- Review the enclosed RWMS 12.0.4 Patch Release Notes (rwms-1204-rn.pdf).
- Review each of the enclosed SIR 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.

Mount CD-ROM on the Database Server

1. Copy the rwms1204dbpatch.zip file from the CD / dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:

```
unzip rwms1204dbpatch.zip
```

Update RWMS DDL

1. Change directories to staging area/dbcs.
2. Log into sqlplus as RWMS12DEV and run the following command:

```
SQL> @patch1204dbcs.sql
```

Check the log file patch1204dbcs.log for any errors.

Update RWMS Database Objects

1. Change directories to staging area/db_objects.
2. Log into sqlplus as RWMS12DEV and run the following command:

```
SQL> @patch1204rwms.sql
```
3. Check the log file patch1204rwms.log for any errors.

Update Data for RWMS

1. Change directories to staging area/data.
2. Log into sqlplus as RWMS12DEV and run the following command:

```
SQL> @patch1204ctl.sql
```
3. Check the log file patch1204ctl.log for any errors.

Validate all Invalid Objects

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

1. Change directories to `INSTALL_DIR/utility`.
2. Log into sqlplus as `RWMS12DEV` and run the following command:
`SQL> @inv_obj_comp.sql`

This script may need to be run more than once.

Application Server Installation Instructions

Note: INSTALL_DIR is the directory where the RWMS 12.x files were extracted to. 9iAS10G_ORACLE_HOME is the location where Oracle 9iAS 10g Forms and Reports Services (9iAS 10g) was installed.

Mount CD-ROM on the Database Server

1. Copy the rwms1204apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:

```
unzip rwms1204apppatch.zip
```

Setup

Environment Variables

1. Set and export your DISPLAY variable.
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>
```

(the db_user should be the Retek RWMS oracle schema owner.)

```
export LD_LIBRARY_PATH=
9IAS_ORACLE_HOME/6iserver/lib:9IAS_ORACLE_HOME/6iserver/network/jre11/lib/sparc
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)
```

Copy 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>/forms/bin to <INSTALL_DIR>/forms/bin.
5. Change directories to <staging area>/reports/src.
6. Copy all files from <staging area>/reports/src to <INSTALL_DIR>/reports/bin.

Compile 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 directory to the <INSTALL_DIR>/forms/bin directory.
3. Change directories to <INSTALL_DIR>/forms/bin directory.
4. Run pll2plx.
This converts the plls to plxs. messge36.pll. Stand36.pll does not convert.

Compile Forms (*.fmb)

1. Change directories to <INSTALL_DIR>/forms/src.
2. Use the fmb2fmx script located in that directory 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. All resulting .fmx files need to be moved to the <INSTALL_DIR>/forms/bin directory. From the <INSTALL_DIR>/forms/src directory, issue the following command:

```
> mv *.fmx ../bin
```

Compile Menus (*.mmb)

1. Change directories to <INSTALL_DIR>/forms/src
2. Use the mmb2mmx script located in that directory to compile and generate the executable form menu *.mmx.

```
> chmod 755 mmb2mmx (if necessary).  
> ./mmb2mmx
```
3. The resulting *.mmx files need to be moved to the <INSTALL_DIR>/forms/bin directory. From the <INSTALL_DIR>/forms/src directory, issue the following command:

```
mv *.mmx ../bin
```