

**Oracle® Retail Warehouse Management System**  
Installation Guide  
Release 12.0.5

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- (i) the software component known as **ACUMATE** developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server – Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning and Oracle Retail Demand Forecasting applications.
- (ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.
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- (iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Store Inventory Management.
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- (vii) the software component known as **Adobe Flex™** licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.
- (viii) the software component known as **Style Report™** developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.
- (ix) the software component known as **i-net Crystal-Clear™** developed and licensed by I-NET Software Inc. of Berlin, Germany, to Oracle and imbedded in the Oracle Retail Central Office and Oracle Retail Back Office applications.
- (x) the software component known as **WebLogic™** developed and licensed by BEA Systems, Inc. of San Jose, California, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.
- (xi) the software component known as **DataBeacon™** 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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# 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 12.0.5 documentation set:

- Oracle Retail Warehouse Management System Release Notes
- Oracle Retail Warehouse Management System Online Help
- Oracle Retail Warehouse Management System Radio Frequency User Guide
- Oracle Retail Warehouse Management System User Interface User Guide

## 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.

## 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](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.”

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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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# Pre-Installation

## Supported Oracle Retail Products

The information in this table reflects the most recently tested compatibility of RWMS with other Oracle Retail software products. RWMS 12.0.5 may be fully compatible with other versions of these products; however, testing has not been performed with other versions during this release cycle.

<b>Product</b>	<b>Version</b>
Oracle Retail Merchandising System (RMS)/Oracle Retail Trade Management (RTM)/Oracle Retail Sales Audit (ReSA)	12.0.5
Oracle Retail Store Inventory Management (SIM)	11.1.2

## Supported Oracle Retail Integration Technologies

<b>Integration Technology</b>	<b>Version</b>
Oracle Retail Integration Bus (RIB)	12.0.1



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# Database Installation Instructions

Before you apply the RWMS 12.0.5 patch:

- Make a backup of all your objects and database schema.
- Check that RWMS 12.0.1 through 12.0.4 are installed.
- Review the enclosed RWMS 12.0.5 Patch Release Notes (rwms-1205-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.

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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 rwms1205dbpatch.zip file from the CD / dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:  

```
unzip rwms1205dbpatch.zip
```

## Update RWMS tables

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

```
SQL> @patch1205dbcs.sql
```
3. Check the log file patch1205dbcs.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> @patch1205rwms.sql
```
3. Check the log file patch1205rwms.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> @patch1205ctl.sql
```
3. Check the log file patch1205ctl.log for any errors.

## Validate all Invalid Objects

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

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1. Change directories to `INSTALL_DIR/utility`.
2. Log into sqlplus as `RWMS12DEV` and run the following command:  
`SQL> @inv_obj_comp.sql`
3. This script may need to be run more than once.

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# Application Server Installation Instructions

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**Note:** INSTALL\_DIR is the directory where the RWMS 12.x files were extracted. 9iAS10G\_ORACLE\_HOME is the location where Oracle 9iAS 10g Forwms and Reports Services (9iAS 10g) was installed.

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## Mount CD-ROM on the Database Server

1. Copy the rwms1205apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:  

```
unzip rwms1205apppatch.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/jrell/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. cd to <INSTALL\_DIR>/forms/bin directory.
4. run pll2plx
5. This will convert the plls to plxs. messge36.pll and stand36.pll will 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
```

## Copy Reports (\*.rdf)

1. Change directories to <INSTALL\_DIR>/reports/bin.
2. Copy all files from <staging area>/reports/src to <INSTALL\_DIR>/reports/bin.