

# **Oracle® Retail Merchandising System**

Installation Guide

Release 10.2.7

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- (ix) 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 Merchandising System Release 10.2.7 documentation set:

- Oracle Retail Merchandising System Release Notes
- Oracle Retail Merchandising System Operations Guide Addendum

## 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.

## 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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# Database Installation Instructions

Before you apply the RMS 10.2.7 patch:

- Make a backup of all your objects and database schema.
- Check that RMS 10.2.6 is installed.
- Review the enclosed RMS 10.2.7 Patch Release Notes (rms-1027-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 RMS10DEV as the Oracle owning schema.

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## Mount CD-ROM on the Database Server

1. Copy the rms1027dbpatch.zip file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:  
`unzip rms1027dbpatch.zip`

## Update RMS Types

1. Change directories to staging area/types.
2. Log into sqlplus as RMS10DEV and run the following command:  
`SQL> @patch1027types.sql`
3. Check the log file patch1027types.log for any errors.

## Update RMS Tables

1. Change directories to staging area/dbcs.
2. Log into sqlplus as RMS10DEV and run the following command:  
`SQL> @patch1027dbcs.sql`
3. Check the log file patch1027dbcs.log for any errors.

## Update RMS Database Objects

1. Change directories to staging area/db\_objects.
2. Log into sqlplus as RMS10DEV and run the following command:  
`SQL> @patch1027rms.sql`
3. Check the log file patch1027rms.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 RMS10DEV and run the following command:  
`SQL> @inv_obj_comp.sql`
3. This script may need to be run more than once.

## Compile RMS Batch Libraries and Programs

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**Note:** Warning messages may appear during the compilation of the batch. These warnings can be ignored if the batch executables are successfully generated.

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## Setting Environment Variables

1. As the retek user, make sure the following variables are set:

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**Note:** `INSTALL_DIR` is the location where RMS 10 was installed.

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Make sure the path for `make`, `makedepend`, and the compiler are in `$PATH` environment variable.

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`MMHOME=INSTALL_DIR/rms`

`MMUSER=RMS Schema Owner`

`PASSWORD=RMS Schema Owner Password`

`ORACLE_HOME=Location of Oracle install`

`ORACLE_SID=The Oracle Sid for the RMS database`

**AIX only:**

`LIBPATH=$ORACLE_HOME/lib:$MMHOME/oracle/lib/bin:$LDPATH`

`OBJECT_MODE=64`

`LINK_CNTRL=L_PTHREADS_D7`

**HP only:**

`SHLIB_PATH=$ORACLE_HOME/lib:$MMHOME/oracle/lib/bin:$SH_LIBPATH`

**Solaris only:**

`LD_LIBRARY_PATH=$ORACLE_HOME/lib:`

`$MMHOME/oracle/lib/bin:$LD_LIBRARY_PATH`

2. Change directories to `INSTALL_DIR/rms/oracle/lib/src` and run the following commands:
  - a. To make library dependencies:  
`make -f retek.mk depend 2>&1 | tee libdpnd.log`
  - b. Check the `libdpnd.log` file for errors.

- c.** To make batch libraries:

```
make -f retek.mk retek rms resa 2>&1 | tee librettek.log
```

- d.** Check the librettek.log file for errors.

- e.** To install batch libraries:

```
make -f retek.mk install
```

The batch libraries should now be in `INSTALL_DIR/rms/oracle/lib/bin`.

- 3.** Copy the files from staging are/batch/proc/src to `INSTALL_DIR/rms/oracle/proc/src`.

- 4.** Change directories to `INSTALL_DIR/rms/oracle/proc/src` and run the following commands:

- a.** To make dependencies:

```
make -f mts.mk rms-depend recs-depend rtm-depend resa-depend 2>&1 | tee srcdpnd.log
```

- b.** Check the srcdpnd.log file for errors:

- c.** To make batch programs:

Because of an additional make command the following command must be run first:

```
make -f rms.mk PRODUCT_PROCFLAGS=dynamic=ansi ditinsrt
```

- d.** To make the rest of the batch programs, run the following command:

```
make -f mts.mk rms-all rtm-ALL im-ALL recs-ALL resa-all resa-rms 2>&1 | tee srcall.log
```

- e.** Check the srcall.log file for errors.

- f.** To install batch programs:

```
make -f mts.mk rms-install rtm-install recs-install resa-install im-install
```

The batch programs should now be in `INSTALL_DIR/rms/oracle/proc/bin`.



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# Application Server Installation Instructions

## Mount CD-ROM on the Database Server

1. Copy the rms1027apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:  
`unzip rms1027apppatch.zip`

## Forms

1. Make sure your UNIX environment is set up properly to compile Oracle Forms (see the *RMS 10.1 Installation Guide* for more information).
2. In the toolset src directory, compile \*.pld as outlined in the *RMS 10.1 Installation Guide*, Appendix B.
3. Move \*.pll in the toolset src directory to the bin directory.
4. Copy the RMS forms source code (\*.fmb) located on UNIX in the <staging area>/forms/src to your UNIX Web forms src directory.
5. In the Web forms src directory, compile the RMS forms (\*.fmb) as outlined in the *RMS 10.1 Installation Guide*, Appendix B.
6. Move all compiled forms and menus ( \*.fmx and \*.mmx) in the Web forms src directory to the bin directory.