

Oracle® Retail Merchandising System
Installation Guide
Release 11.0.11

May 2007

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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 11.0.11 documentation set:

- Oracle Retail Merchandising System Operations Guide
- Oracle Retail Merchandising System Release Notes
- Oracle Retail Merchandising System Data Model
- Oracle Retail Merchandising System Batch Schedule

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.

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.”

Note: This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

This is a code sample
It is used to display examples of code

A hyperlink appears like this.

Database Installation Instructions

Before you apply the RMS 11.0.11 patch:

- Make a backup of all your objects and database schema.
- Check that RMS 11.0.10 is installed.
- Review the enclosed RMS 11.0.11 Patch Release Notes (rms-11011-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, 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 RMS11DEV as the Oracle owning schema.

Note: The pricing/rsm directory has scripts that need to be run into the RSM schema if RSM is being used.

Mount CD-ROM on the Database Server

1. Copy the rms11011dbpatch.zip file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:
`unzip rms11011dbpatch.zip`

Update RMS Types

1. Change directories to staging area/xml
2. Log into sqlplus as RMS11DEV and run the following command:
`SQL> @patch11011xml.sql`
3. Check the log file patch11011xml.log for any errors.

Update RMS Tables

1. Change directories to staging area/dbcs
2. Log into sqlplus as RMS11DEV and run the following command:
`SQL> @patch11011dbcs.sql`
3. Check the log file patch11011dbcs.log for any errors.

Update RMS Database Objects

1. Change directories to staging area/db_objects
2. Log into sqlplus as RMS11DEV and run the following command:
SQL> @patch11011rms.sql
3. Check the log file patch11011rms.log for any errors.

Update Data for RMS

1. Change directories to staging area/sqlplus
2. Log into sqlplus as RMS11DEV and run the following command:
SQL> @patch11011ctl.sql
3. Check the log file patch11011ctl.log for any errors.

Update Pricing Types

1. Change directories to staging area/pricing/xml
2. Log into sqlplus as RMS11DEV and run the following command:
SQL> @pricing11011xml.sql
3. Check the log file pricing11011xml.log for any errors.

Update Pricing Tables

1. Change directories to staging area/pricing/dbcs
2. Log into sqlplus as RMS11DEV and run the following command:
SQL> @pricing11011dbc.sql
3. Check the log file pricing11011dbc.log for any errors.

Update Pricing Database Objects

1. Change directories to staging area/pricing/db_objects
2. Log into sqlplus as RMS11DEV and run the following command:
SQL> @pricing11011rms.sql
3. Check the log file pricing11011rms.log for any errors.

Update Pricing Data

1. Change directories to staging area/pricing/sqlplus
2. Log into sqlplus as RMS11DEV and run the following command:
SQL> @pricing11011ctl.sql
3. Check the log file pricing11011ctl.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 RMS11DEV and run the following command:
SQL> @inv_obj_comp.sql
3. This script may need to be run more than once.

Update RETL for AIP

Note: These steps only need to be done if you are using AIP.

1. Change directories to staging area/retrlforAIP/rfx/src
2. Copy all the files from this directory INSTALL_DIR/retrlforAIP/rfx/src
cp * INSTALL_DIR/retrlforAIP/rfx/src

Compile RMS Batch Libraries and Programs

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

Setting Environment Variables

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

Note: INSTALL_DIR is the location where RMS 11 was installed.

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

```
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. Copy the files from staging area/batch/lib/src to
INSTALL_DIR/rms/oracle/lib/src

3. Change directories to `INSTALL_DIR/rms/oracle/lib/src` and run the following commands.
 4. To make library dependencies:
`make -f retek.mk depend 2>&1 | tee libdpnd.log`
 5. Check the `libdpnd.log` file for errors.
 6. To make batch libraries:
`make -f retek.mk retek rms resa 2>&1 | tee libretek.log`
 7. Check the `libretek.log` file for errors.
 8. To install batch libraries:
`make -f retek.mk install`
 The batch libraries should now be in `INSTALL_DIR/rms/oracle/lib/bin`
 9. Copy the files from staging are `/batch/proc/src` to `INSTALL_DIR/rms/oracle/proc/src`
 10. Change directories to `INSTALL_DIR/rms/oracle/proc/src` and run the following commands.
 11. To make dependencies:
`make -f mts.mk rms-depend recs-depend rtm-depend resa-depend 2>&1 | tee srcdpnd.log`
 12. Check the `srcdpnd.log` file for errors:
 13. 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`
 To make the rest of the batch programs run the following command:
`make -f mts.mk rms-ALL recs-ALL resa-ALL rtm-ALL 2>&1 | tee srcall.log`
 14. Check the `srcall.log` file for errors.
 15. To install batch programs:
`make -f mts.mk rms-install recs-install resa-install rtm-install`
 The batch programs should now be in `INSTALL_DIR/rms/oracle/proc/bin`.
- Note:** The following steps only need to be completed if Oracle Financials will be interfaced
16. To make FIF batch programs.
 17. To make the dependencies run this command:
`make -f mts.mk fif-depend`
 18. To make the batch program run this command:
`make -f mts.mk fif-ALL`
 19. To install batch programs:
`make -f mts.mk fif-install`
 20. The Oracle Financials Interface batch programs should now be in `INSTALL_DIR/rms/oracle/proc/bin`

Application Server Installation Instructions

Note: INSTALL_DIR is the directory where the RMS 11.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 rms11011apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:
unzip rms11011apppatch.zip

Setup

1. As the retek user, set the DISPLAY variable to the IP address plus ":0.0" (ie: 10.1.1.1:0.0) of the machine that is being used to perform the compilation from.
2. As the retek user, set the following variables:

Note: INSTALL_DIR is the location where RMS 11 was installed.

Note: 9iAS10G_ORACLE_HOME is the location where Oracle 9iAS 10g was installed.

```
ORACLE_HOME=9iAS10G_ORACLE_HOME
PATH=$ORACLE_HOME/bin:INSTALL_DIR/forms9i_scripts:$PATH
```

Solaris only:

```
LD_LIBRARY_PATH=$ORACLE_HOME/lib:$ORACLE_HOME/jdk/jre/lib/sparc:$ORACLE_HOME/jdk/jre/lib/sparc/native_threads
```

HP-UX only:

```
SHLIB_PATH=$ORACLE_HOME/lib32:$ORACLE_HOME/lib:$ORACLE_HOME/jdk/jre/lib/PA_RISC:$ORACLE_HOME/jdk/jre/lib/PA_RISC/server
```

AIX only:

```
LD_LIBRARY_PATH=$ORACLE_HOME/lib:$ORACLE_HOME/lib32:$ORACLE_HOME/jdk/jre/lib
LIBPATH=$LD_LIBRARY_PATH
```

All:

```
CLASSPATH=$ORACLE_HOME/jlib/debugger.jar:$ORACLE_HOME/jlib/utj90.jar:$ORACLE_HOME/jlib/ewt3.jar:$ORACLE_HOME/jlib/share.jar
FORMS90_BUILDER_CLASSPATH=$CLASSPATH
FORMS90_PATH=INSTALL_DIR/toolset/bin:INSTALL_DIR/rms/forms/bin:$ORACLE_HOME/forms90
REPORTS_PATH=INSTALL_DIR/rms/reports/bin:$ORACLE_HOME/forms90
```

Solaris/AIX only:

```
UP=<RMS schema owner>/<RMS schema password>@<RMS database>
```

HP-UX only:

```
UP=<RMS schema owner>/<RMS schema password>\@<RMS database>
```

Toolset

1. Copy all the files from staging area/toolset/src to INSTALL_DIR/toolset/src
2. Copy all libraries (*.pll files) in the INSTALL_DIR/toolset/src directory to the INSTALL_DIR/toolset/bin directory.
3. Change directories to INSTALL_DIR/toolset/bin.
4. Run f90plsqliconv_pll_stand45 to automatically attach the Forms 9i library rp2rro.pll to stand45.pll. This library must be attached to stand45.pll in order to run RMS reports.
5. Remove the newly created stand45.pld should it be created from running f90plsqliconv_pll_stand45
6. Run pll2plx9i_toolset to compile all Toolset .pll's.
7. Check to make sure that each .pll file has a corresponding .plx (to ensure that all .pll's compiled successfully). If a library fails to compile (there is no .plx file), it will have to be manually compiled with Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions
8. Remove all newly created .plx files.
9. Run fmb2fmx9i_fm (in INSTALL_DIR/toolset/bin) to compile the Toolset reference forms.
10. Remove all newly created fm_*.fmx files (reference forms should not have executable files).
11. Run fmb2fmx9i (in INSTALL_DIR/toolset/bin) to generate Toolset runtime forms - .fmx's.
12. Check to make sure that each non-reference form (.fmb file) has a corresponding .fmx file. If a form fails to compile (there is no .fmx file), it has to be manually compiled with Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions.

Note: Disregard fm_*.fmx files should they be created.
These files should be removed. They should NOT exist in
the INSTALL_DIR/toolset/bin directory.

13. Remove all non-reference form forms from INSTALL_DIR/toolset/bin; the following syntax leaves all reference forms (fm_*.fmb) in the bin directory, while removing all other forms:

```
> for PROG in `ls *.fmb | grep -v fm_`  
> do PROGNAME=`echo $PROG`  
> rm $PROGNAME  
> done
```
14. Copy all menus (*.mmb files) in the INSTALL_DIR/toolset/src directory to the INSTALL_DIR/toolset/bin directory.
15. Run mmb2mmx9i (in INSTALL_DIR/toolset/bin) to generate Toolset runtime menus - .mmx's.

16. Check to make sure that each .mbm file has a corresponding .mmx file. If a menu fails to compile (there is no .mmx file), it has to be manually compiled with Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions.

Note: Should .err files be created by the compilation scripts above, these files are logs of the compilation process and can be removed.

17. Remove all .mbm files from INSTALL_DIR/toolset/bin.

Forms

1. Copy all the files from staging area/forms/src to INSTALL_DIR/rms/forms/src
2. Copy all libraries (.pll files) in the INSTALL_DIR/rms/forms/src directory to the directories to the INSTALL_DIR/rms/forms/bin directory.
3. Change directories to INSTALL_DIR/rms/forms/bin.
4. Run pll2plx9i_forms to compile all RMS .pll's.
5. Check to make sure that each .pll file has a corresponding .plx (to ensure that all .pll's compiled successfully). If a library fails to compile (there is no .plx file), it has to be manually compiled with Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions
6. Remove all newly created .plx files.
7. Copy all forms (*.fmb files) in the INSTALL_DIR/rms/forms/src directory to the INSTALL_DIR/rms/forms/bin directory.
8. Run fmb2fmx9i_fm (in INSTALL_DIR/rms/forms/bin) to compile the RMS reference forms.
9. Remove all newly created fm_*.fmx files (reference forms should not have executable files).
10. Run fmb2fmx9i (in INSTALL_DIR/rms/forms/bin) to generate RMS runtime forms - .fmx's.
11. Check to make sure that each non-reference form .fmb file has a corresponding .fmx file. If a form fails to compile (there is no .fmx file), it has to be manually compiled with Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions.

Note: Disregard fm_*.fmx files should they be created. These files should be removed. They should NOT exist in the INSTALL_DIR/rms/forms/bin directory.

12. Remove all non-reference form forms from INSTALL_DIR/rms/forms/bin; the following syntax leaves all reference forms (fm_*.fmb) in the bin directory, while removing all other forms:

```
> for PROG in `ls *.fmb | grep -v fm_`
> do PROGNAME=`echo $PROG`
> rm $PROGNAME
> done
```

13. Copy all menus (*.mmb files) in the INSTALL_DIR/rms/forms/src directory to the INSTALL_DIR/rms/forms/bin directory.
14. Run mmb2mmx9i (in INSTALL_DIR/rms/forms/bin) to generate RMS runtime menus – .mmx's.
15. Check to make sure that each .mmb file has a corresponding .mmx file. If a form fails to compile (there is no .mmx file), it has to be manually compiled with Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions.
16. Remove all .mmb files from INSTALL_DIR/rms/forms/bin.

Note: Should .err files be created by the compilation scripts above, these files are logs of the compilation process and can be removed.

Reports

1. Copy all the files from staging area/reports/src to INSTALL_DIR/rms/reports/src
2. Change directories to INSTALL_DIR/rms/reports/bin.
3. Copy all reports (*.rdf files) in the INSTALL_DIR/rms/reports/src directory to the INSTALL_DIR/rms/reports/bin directory
4. Run rdf2rep9i (in INSTALL_DIR/rms/reports/bin) to generate Reports runtime reports – .rep's.

Note: The following error messages may appear when running rdf2rep9i; these errors can be ignored if report (.rep) generation was successful:

REP-0759: One or more PL/SQL libraries have been modified since the reports were saved. The PL/SQL will be recompiled.

REP-0202: Attempt to free a null pointer

REP-0759 is generated by the r25conv program. The error appears any time a report is converted.

REP-0202 is due to an Oracle bug with rwconverter and can be ignored

5. Check to make sure that each .rdf file has a corresponding .rep file. If a report fails to compile (there is no .rep file), it has to be manually compiled with Reports Builder in Oracle 9iDS 10g. See Appendix F of the RMS 11 Install Guide for manual compilation instructions.
6. Remove all .rdf files from INSTALL_DIR/rms/reports/bin.

Note: Should .err files be created by the compilation scripts above, these files are logs of the compilation process and can be removed.
