

Oracle[®] Retail Merchandising System
Installation Guide
Release 11.0.8
June 2006

Copyright © 2006, Oracle. All rights reserved.

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software—Restricted Rights (June 1987). Oracle Corporation, 500 Oracle Parkway, Redwood City, CA 94065

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Contents

Preface.....	v
Customer Support	v
1 Database Installation Instructions	1
Mount CD-ROM on the Database Server	1
Update RMS Types.....	1
Update RMS Tables.....	1
Update RMS Database Objects.....	1
Update Data for RMS	2
Update Pricing Tables.....	2
Update Pricing Database Objects.....	2
Validate all Invalid Objects	2
Update RETL for RDW	3
Update RETL for RPAS	3
Compile RMS Batch Libraries and Programs.....	3
Setting Environment Variables	4
2 Application Server Installation Instructions.....	7
Mount CD-ROM on the Database Server	7
Setup	7
Toolset	8
Forms	9

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

You can find more information about this product in these resources:

- Oracle Retail Merchandising System Release Notes
- Oracle Retail Merchandising System Data Model
- Oracle Retail Merchandising System Operations Guide Addendum
- Oracle Retail Merchandising System Oracle Financials Implementation 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.

Database Installation Instructions

Before you apply the RMS 11.0.8 patch:

- Make a backup of all your objects and database schema.
- Check that RMS 11.0.7 is installed.
- Review the enclosed RMS 11.0.8 Patch Release Notes (rms-1108-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 RMS11DEV as the Oracle owning schema.

Mount CD-ROM on the Database Server

1. Copy the rms1108dbpatch.zip file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:
`unzip rms1108dbpatch.zip`

Update RMS Types

1. Change directories to staging area/xml
2. Log into sqlplus as RMS11DEV and run the following command:
`SQL> @patch1108xml.sql`
3. Check the log file patch1108xml.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> @patch1108dbcs.sql`
3. Check the log file patch1108dbcs.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> @patch1108rms.sql`
3. Check the log file patch1108rms.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> @patch1108ctl.sql
3. Check the log file patch1108ctl.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> @pricing1108dbc.sql
3. Check the log file pricing1108dbcs.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> @pricing1108rms.sql
3. Check the log file pricing1108rms.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 RDW

Note: These steps only needs to be done if you are using RDW.

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

Update RETL for RPAS

Note: These steps only needs to be done if you are using RPAS.

1. Change directories to staging area /retlforRPAS/rfx/etc
2. Copy all the files from this directory INSTALL_DIR/retlforRPAS/rfx/etc
cp * INSTALL_DIR/retlforRPAS/rfx/etc
3. Change directories to staging area /retlforRPAS/rfx/lib
4. Copy all the files from this directory INSTALL_DIR/retlforRPAS/rfx/lib
cp * INSTALL_DIR/retlforRPAS/rfx/lib
5. Change directories to staging area /retlforRPAS/rfx/schema
6. Copy all the files from this directory INSTALL_DIR/retlforRPAS/rfx/schema
cp * INSTALL_DIR/retlforRPAS/rfx/schema
7. Change directories to staging area /retlforRPAS/rfx/src
8. Copy all the files from this directory INSTALL_DIR/retlforRPAS/rfx/src
cp * INSTALL_DIR/retlforRPAS/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
9. The batch libraries should now be in INSTALL_DIR/rms/oracle/lib/bin
10. Copy the files from staging are/batch/proc/src to INSTALL_DIR/rms/oracle/proc/src
11. Change directories to INSTALL_DIR/rms/oracle/proc/src and run the following commands.
12. To make dependencies:
make -f mts.mk rms-depend recs-depend rtm-depend resa-depend 2>&1 | tee srcdpnd.log
13. Check the srcdpnd.log file for errors:

-
14. 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
```

15. Check the srcall.log file for errors.

16. To install batch programs:

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

17. 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

18. To make FIF batch programs.

19. To make the dependencies run this command:

```
make -f mts.mk fif-depend
```

20. To make the batch program run this command:

```
make -f mts.mk fif-ALL
```

21. To install batch programs:

```
make -f mts.mk fif-install
```

22. 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 rms1108apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:
unzip rms1108apppatch.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 f90plsqlconv_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 f90plsqlconv_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 will have 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 will leave 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 .mmb file has a corresponding .mmx file. If a menu fails to compile (there is no .mmx 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.

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 .mmb 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 will have 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 will have 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 will leave 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 will have 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.
