Oracle® Retail Merchandising System
Installation Guide
Release 11.0.6
November 2005

Contents

Preface

Customer Support

Customer Support is available 7x24x365 via email, phone, and Web access.

Depending on the Support option chosen by a particular client (Standard, Plus, or Premium), the times that certain services are delivered may be restricted. Severity 1 (Critical) issues are addressed on a 7x24 basis and receive continuous attention until resolved, for all clients on active maintenance. Retek customers on active maintenance agreements may contact a global Customer Support representative in accordance with contract terms in one of the following ways.

Contact Method   Contact Information

E-mail	support@retek.com
Internet (ROCS)	rocs.retek.com Retek's secure client Web site to update and view issues
Phone	+1 612 587 5800

Toll free alternatives are also available in various regions of the world:

Australia	+1 800 555 923 (AU-Telstra) or +1 800 000 562 (AU-Optus)
France	0800 90 91 66
Hong Kong	800 96 4262
Korea	00 308 13 1342
United Kingdom	0800 917 2863
United States	+1 800 61 RETEK or 800 617 3835
Mail	Oracle Customer Support 950 Nicollet Mall Minneapolis, MN 55403

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.

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Database Installation Instructions

Before you apply the RMS 11.0.6 patch:

⋆   Make a backup of all your objects and database schema.

⋆   Check that RMS 11.0.5 is installed.

⋆   Review the enclosed RMS 11.0.6 Patch Release Notes (rms-1106-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 rms1106dbpatch.zip file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.

2.   Unzip the file by entering:
     `unzip rms1106dbpatch.zip`

Added Privlege

The RMS 11.0.6 patch needs create any context added to the schema owner.

1.   Log into sqlplus as system and run the following command:
     ```
     SQL> grant create any context to RMS11DEV;
     Replace RMS11dev with the name of your schema owner.
     ```

Update RMS Tables

1.   Change directories to staging area/dbcs

2.   Log into sqlplus as RMS11DEV and run the following command:
     `SQL> @patch1106dbcs.sql`

3.   Check the log file patch1106dbcs.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> @patch1106rms.sql`

3.   Check the log file patch1106rms.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> @patch1106ctl.sql
   ```
3. Check the log file patch1106ctl.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> @pricing1106dbc.sql
   ```
3. Check the log file pricing1106dbcs.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> @pricing1106rms.sql
   ```
3. Check the log file pricing1106rms.log for any errors.

Update RSM Data

> **Note:** If you are using RSM this script needs to be run in that schema. If you are not using RSM go to the next step, Validate all invalid objects

1. Change directories to staging area/pricing/rsm
2. Log into sqlplus as RSM11DEV and run the following command:
   ```
   SQL> @pricing1106rsm.sql
   ```
3. Check the log file pricing1106rsm.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.
>
> This will update the dwi_config.env. This file will need to be updated with your environment information.

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

   ```
   cp * INSTALL_DIR/retlforRDW/rfx/etc
   ```
3. Change directories to staging area /retlforRDW/rfx/lib
4. Copy all the files from this directory INSTALL_DIR/retlforRDW/rfx/lib

   ```
   cp * INSTALL_DIR/retlforRDW/rfx/lib
   ```
5. Change directories to staging area /retlforRDW/rfx/src
6. Copy all the files from this directory INSTALL_DIR/retlforRDW/rfx/src

   ```
   cp * INSTALL_DIR/retlforRDW/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 rms1106apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.

2. Unzip the file by entering:
   ```
   unzip rms1106apppatch.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/j
dk/jre/lib/sparc/native_threads
```
HP-UX only:

```
SHLIB_PATH=$ORACLE_HOME/lib32:$ORACLE_HOME/lib:$ORACLE_HOME/jdk/jre/lib/PA_RIS
C:$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:$ORACLE_H
OME/jlib/ewt3.jar:$ORACLE_HOME/jlib/share.jar
FORMS90_BUILDER_CLASSPATH=$CLASSPATH
FORMS90_PATH=INSTALL_DIR/toolset/bin:INSTALL_DIR/rms/forms/bin:$ORACLE_HOME/fo
rms90
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>
```

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.