Oracle® Retail Merchandising System Installation Guide Release 10.1.13 French March 2006

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Contents

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.

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Database Server Installation Instructions

Before you apply the RMS 10.1.13 patch:

- Make a backup of all your objects and database schema.
- Check that RMS 10.1.12 French is installed.
- Review the enclosed RMS 10.1.13 Patch Release Notes (rms-10113-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 rmsdev10 as the Oracle owning schema.

Mount CD-ROM on the Database Server

1. Mount the CD-ROM on your Database Server.
2. Copy the rms10113frdbpatch.tar.Z file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.
3. Log in to UNIX.
4. Change directories to the staging directory.

   > **Note:** The tar file must have a .Z extension.

5. If the tar file has a "z" in lowercase, change it by typing:
   `v rms10113frdbpatch.tar.z rms10113frdbpatch.tar.Z`
6. Uncompress the tar file by entering:
   `ncompress rms10113frdbpatch.tar.Z`
7. Untar the tar file by entering:
   `ar xvf rms10113frdbpatch.tar`

Update DDL

1. Change directories to `<staging area>/dbcs`.
2. Review and understand the scripts before running them.
3. If you have customized any objects, make modifications.
4. Log in to SQLPLUS as the `rmsdev10` user.
5. Enter the following command:
   `QL> @patch10113dbcs.sql`
6. View the spool file `patch10113dbcs.log` when finished to verify that no errors were found.

Update Control Tables

1. On the server, change directories to <staging area>/sqlplus.
2. Log in to SQLPLUS as rmsdev10.
3. Enter the following command to update control tables:
   QL> @patch10113ctl.sql
4. View the spool file patch10113ctl.log when finished to verify that no errors were found.

Update Packages, Stored Procedures and Functions

Note: During revalidating deadlocks may appear this is fine as all objects should revalidate.

1. On the server, change directories to <staging area>/db_objects.
2. Log in to SQLPLUS as rmsdev10.
3. Enter the following command to update packages, procedures, and functions:
   QL> @patch10113rms.sql
4. Exit SQLPlus.
5. View the spool file patch10113rms.log when finished to verify that no errors were found.
6. After you have compiled all these objects, validate any objects that may have become invalid. You can do this by using the Oracle utility dbms_utility.compile_schema or the script, inv_obj_comp.sql, provided at <staging area>/utility. Run this script until there are no invalid objects.

Update RMS RETL Extracts

1. On the server, change directories to <staging area>/retl/rfx/src
2. Copy files to INSTALL_DIR/retl/rfx/src
   p * INSTALL_DIR/retl/rfx/src
3. Change directories to <staging area>/retl/rfx/schema
4. Copy files to INSTALL_DIR/retl/rfx/schema
   p * INSTALL_DIR/retl/rfx/schema

Recompile Libraries and Batch Programs

After the packages/procedures have been successfully compiled:

1. Copy the batch library from <staging area>/batch/lib/src into the appropriate directories.
2. Copy the base RMS C programs from <staging area>/batch/proc/src into the appropriate directories.
3. Compile the batch library and base RMS C programs as directed in the RMS 10.1 install guide.
4. Because of an addition to the make command you need to run the following command from INSTALL_DIR/rms/oracle/proc/src directory
   ake -f rms.mk PRODUCT_PROCFLAGS=dynamic=ansi ditinsrt

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Application Server Installation Instructions

Note: If customizations have been made to any libraries, forms, menus, or reports, make sure to back up these customizations so that they can be re-applied following the 10.1.13 patch upgrade.

Forms 6i Installation Instructions

1. Mount the CD-ROM on your UNIX Application Server.
2. Change directories to `/appserverunix`.
3. Copy the `rms10113frapppatch.tar.Z` file from the CD /appserverunix directory to a newly created staging directory on your UNIX Application server.
4. Log in to UNIX.
5. Change directories to the staging directory.

   Note: The tar file must have a .Z extension.

6. If the tar file has a Z in lowercase, change it by typing:
   `v rms10113frapppatch.tar.z rms10113frapppatch.tar.Z`
7. Uncompress the tar file by entering:
   `ncompress rms10113frapppatch.tar.Z`
8. Untar the tar file by entering:
   `ar xvf rms10113frapppatch.tar`
9. Make sure your UNIX environment is set up properly to compile Oracle Forms (see the RMS 10.1 installation guide for more information).
10. Change directories to the `<staging area>/toolset/src`
11. Copy the Toolset Libraries (*.pld) to your toolset src directory
12. In the toolset src directory, compile the library as outlined in the RMS 10.1 install guide Appendix B.
13. Copy the Toolset Reference Form (fm*.fmb) to your toolset src directory
14. In the toolset src directory, compile the reference form as outlined in the RMS 10.1 install guide Appendix B.
15. Copy the RMS forms source code (*.fmb) located on UNIX in the `<staging area>/forms/src` to your UNIX Web forms src directory.
16. In the Web forms src directory, compile the RMS forms (*.fmb) as outlined in the RMS 10.1 installation guide, Appendix B.
17. Move all compiled forms and menus (*.fmx and *.mmx) in the Web forms src directory to the bin directory.
18. Copy the RMS reports source code (*.rdf) located on UNIX in the `<staging area>/reports/src` to your UNIX Web reports src directory.
19. In the Web reports src directory, compile the RMS reports (*.rdf) as outlined in the RMS 10.1 installation guide, Appendix B.

20. Move all compiled reports (*.rep) in the Web reports src directory to the bin directory.
21. The RMS forms server process and reports server process should be reloaded after the RMS 10.1.13 executables have been copied to the appropriate UNIX Web forms directories.

Forms 9i Installation Instructions

> **Note:** If customizations have been made to any libraries, forms, menus, or reports, make sure to back up these customized modules so that they can be re-applied following the RMS 10.1.13 patch upgrade and prior to the Forms 9i upgrade. .

1. Mount the CD-ROM on your UNIX Application Server.
2. Change directories to `/appserverunix`.
3. Copy the `rms10113frapppatch.tar.Z` file from the CD /appserverunix directory to a newly created staging directory on your UNIX Application server.
4. Log in to UNIX.
5. Change directories to the staging directory.

> **Note:** The tar file must have a .Z extension.

6. If the tar file has a Z in lowercase, change it by typing:
   `v rms10113frapppatch.tar.z rms10113frapppatch.tar.Z`
7. Uncompress the tar file by entering:
   `ncompress rms10113frapppatch.tar.Z`
8. Untar the tar file by entering:
   `ar xvf rms10113frapppatch.tar`
9. Make sure your UNIX environment is set up properly to compile Oracle Forms

Toolset

1. Log into the application server as the 9iAS Administrator user that installed 9iAS Release 2.
2. Set the following variables:

> **Note:** INSTALL_DIR is the location where RMS will be installed.
>
> **Note:** 9iAS_ORACLE_HOME is the location where Oracle 9iAS R2 was installed.

- ORACLE_HOME=9iAS_ORACLE_HOME
- PATH=ORACLE_HOME/bin:INSTALL_DIR/forms9i_scripts:$PATH
- Solaris only: LD_LIBRARY_PATH=9iAS_ORACLE_HOME/lib:9iAS_ORACLE_HOME/jdk/jre/lib/sparc:9iAS_ORACLE_HOME/jdk/jre/lib/sparc/native_threads
- HP-UX only: SHLIB_PATH=9iAS_ORACLE_HOME/lib32: 9iAS_ORACLE_HOME/lib:9iAS_ORACLE_HOME/jdk/jre/lib/PA_RISC:9iAS_ORACLE_HOME/jdk/jre/lib/PA_RISC/server

- AIX only: LD_LIBRARY_PATH=9iAS_ORACLE_HOME/lib:9iAS_ORACLE_HOME/lib32:9iAS_ORACLE_HOME/jdk/jre/lib
- LIBPATH=9iAS_ORACLE_HOME/lib32:9iAS_ORACLE_HOME/lib:9iAS_ORACLE_HOME/jdk/jre/lib
- CLASSPATH=9iAS_ORACLE_HOME/jlib/debugger.jar:9iAS_ORACLE_HOME/jlib/utj90.jar:9iAS_ORACLE_HOME/jlib/ewt3.jar:9iAS_ORACLE_HOME/jlib/share.jar
- FORMS90_BUILDER_CLASSPATH=$CLASSPATH
- FORMS90_PATH=INSTALL_DIR/toolset/bin:INSTALL_DIR/rms/forms/bin:9iAS_ORACLE_HOME/forms90
- REPORTS_PATH= INSTALL_DIR/reports/bin:9iAS_ORACLE_HOME/forms90
- UP=<RMS_USER>/<RMS_USER_PASSWORD>@<ORACLE_SID>
- DISPLAY=<IP address of machine being used for compilation>:0.0

3. Change directories to INSTALL_DIR/toolset/src.
4. Run pld2pll9i_toolset to convert all toolset libraries to .pll mode.
5. Check to make sure all files with a .pld extension now have a corresponding file with a .pll extension.
6. Move all libraries (.pll files) in the INSTALL_DIR/toolset/src directory to the INSTALL_DIR/toolset/bin directory.
7. Change directories to INSTALL_DIR/toolset/bin.

> **Note:** If the pre-converted stand45_9i.pll is being used, replace stand45.pll with the pre-converted stand45_9i.pll, and skip step 8 below, proceeding to step 9.

8. Run f90plsqlconv_pll_stand45 to convert stand45.pll to a Forms 9i module and automatically attach the Forms 9i library rp2rro.pll.
9. Run pll2plx9i_toolset to compile all toolset pll's.
10. Remove all newly created plx files.
11. Copy all reference forms (fm_*.fmb files) in the INSTALL_DIR/toolset/src directory to the INSTALL_DIR/toolset/bin directory.
12. Change directories to INSTALL_DIR/toolset/bin.
13. Run fmb2fmx9i_fm to compile the reference forms.

> **Note:** The following error messages may appear when running fmb2fmx9i_fm:
> FRM-30162: Inconsistent relationship between window W_xxxxx and its horizontal toolbar C_xxxxx
> FRM-30188: No initial value given, and other values are not allowed
>
> FRM-30162 is the result of the window not matching the horizontal toolbar's window property. This error can be ignored for reference forms.
> FRM-30188 is a common forms error resulting from an un-initialized LOV (List of Values). It is a Retek standard to use the P_POPULATE_LIST library function to populate LOV's. This error can also be ignored.

14. Remove all newly created fm_*.fmx files (reference forms should not have executable files).
15. Change directories to INSTALL_DIR/toolset/src.
16. Run fmb2fmx9i to generate Forms 9i runtime forms – fmx's. This script will not compile fmb's.
17. Check to make sure that each .fmb file has a corresponding .fmx file. If a form fails to convert (there is no .fmx file), it will have to be manually compiled/converted with Forms Builder 9i (if 9iDS is installed); or contact Oracle Support if there is no means of manually compiling with Forms Builder.

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

18. Move all newly created fmx files to the INSTALL_DIR/toolset/bin directory.
19. Run mmb2mmx9i to generate Forms 9i runtime menus – mmx's. This script will not compile mmb's.
20. Check to make sure that each .mmb file has a corresponding .mmx file. If a menu fails to convert (there is no .mmx file), it will have to be manually compiled/converted with Forms Builder 9i (if 9iDS is installed); or contact Oracle Support if there is no means of manually compiling with Forms Builder.
21. Move all newly created mmx files to the INSTALL_DIR/toolset/bin directory.

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

Forms

1. Change directories to `<staging area>/forms/src`
2. Copy files to INSTALL_DIR/forms/src
3. Change directories to INSTALL_DIR/forms/src.
4. Run fmb2fmx9i to generate Forms 9i runtime forms – fmx's. This script will not compile fmb's.
5. Check to make sure that each .fmb file has a corresponding .fmx file. If a form fails to convert (there is no .fmx file), it will have to be manually compiled/converted with Forms Builder 9i (if 9iDS is installed); or contact Oracle Support if there is no means of manually compiling with Forms Builder.

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

6. Move all newly created fmx files to the INSTALL_DIR/toolset/bin directory.
7. Run mmb2mmx9i to generate Forms 9i runtime menus – mmx's. This script will not compile mmb's.
8. 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/converted with Forms Builder 9i (if 9iDS is installed); or contact Oracle Support if there is no means of manually compiling with Forms Builder.
9. Move all newly created mmx files to the INSTALL_DIR/forms/bin directory.

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

Reports

1. Change directories to <staging area>/reports/src.
2. Copy files to INSTALL_DIR/reports/src
3. Run rdf2rep9i to generate Reports 9i runtime reports – rep's. This script will not compile rdf's.
4. Check to make sure that each .rdf file has a corresponding .rep file. If a report fails to convert (there is no .rep file), it will have to be manually compiled/converted with Reports Builder 9i (if 9iDS is installed) or contact Oracle Support if there is no means of manually compiling with Reports Builder.

   Note: The following error messages may appear when running rdf2rep9i; these errors can be ignored if the report generation was successful:
   REP-0759: One or more PL/SQL libraries have been modified since the report was saved.
   The PL/SQL will be recompiled.

   REP-0202: Attempt to free a null pointer.

   REP-0759 is generated by the r25conv program. This error appears any time a report is converted.
   REP-0202 is due to an Oracle bug with rwconverter and can be ignored.

5. Move all the newly created rep's to the INSTALL_DIR/reports/bin directory