Oracle® Retail Merchandising System

Installation Guide
Release 10.1.20 French

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ORACLE

Oracle® Merchandising System Installation Guide, Release 10.1.20 French

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Value-Added Reseller (VAR) Language

(i) the software component known as **ACUMATE** developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server – Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning and Oracle Retail Demand Forecasting applications.

(ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

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(iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Store Inventory Management.

(v) the software component known as **Crystal Enterprise Professional and/or Crystal Reports Professional** licensed by Business Objects Software Limited ("Business Objects") and imbedded in Oracle Retail Store Inventory Management.

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(vii) the software component known as **Adobe Flex™** licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

(viii) the software component known as **Style Report™** developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(ix) the software component known as **i-net Crystal-Clear™** developed and licensed by I-NET Software Inc. of Berlin, Germany, to Oracle and imbedded in the Oracle Retail Central Office and Oracle Retail Back Office applications.

(x) the software component known as **WebLogic™** developed and licensed by BEA Systems, Inc. of San Jose, California, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(xi) 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.

Contents

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 10.1.20 French documentation set:

- Oracle Retail Merchandising System Release Notes

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

For a base release (".0" release, such as 12.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch documentation can contain critical information related to the base release, based on new information 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:

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."

> **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.

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Database Installation Instructions

Before you apply the RMS 10.1.20 French patch:

- Make a backup of all your objects and database schema.
- Check that RMS 10.1.17 French is installed.
- Review the enclosed RMS 10.1.20 French Release Notes (rms-10120-rn.pdf).
- 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 referenced at a later date.

> **Notes:**
>
> These instructions refer to RMS10DEV as the Oracle owning schema.
>
> Make sure your NLS_LANG is set to `FRENCH_FRANCE.utf8`

Mount CD-ROM on the Database Server

1. Mount the CD-ROM on your database server.
2. Copy the `rms10120dbpatch.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 extension has a "z" in lowercase, change it by typing the following:
   `mv rms10120dbpatch.tar.z rms10120dbpatch.tar.Z`
6. Uncompress the tar file by entering the following:
   `uncompress rms10120dbpatch.tar.Z`
7. Untar the tar file by entering the following:
   `tar xvf rms10120dbpatch.tar`

Update RMS Types

Note: When you run the scripts in this section, you may encounter the following error: "ORA-04043 object XXXX does not exist." These errors can be ignored. The ORA errors are caused by dropping the item the script is about to create.

1. Change directories to staging area/xml1
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10118xml.sql`
3. Check the log file patch10118xml.log for any errors.

Update RMS Tables

1. Change directories to staging area/dbcs1.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10118dbcs.sql`
3. Check the log file patch10118dbcs.log for any errors.

Update Data for RMS

1. Change directories to staging area /sqlplus1.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10118ctl.sql`
3. Check the log file patch10118ctl.log for any errors.

Update RMS Database Objects

1. Change directories to staging area /db_objects1.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10118rms.sql`
3. Check the log file patch10118rms.log for any errors.

Update Additional RMS Types

1. Change directories to staging area/xml2.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10119xml.sql`
3. Check the log file patch10119xml.log for any errors.

Update Additional RMS Tables

1. Change directories to staging area/dbcs2.
2. Log intoSQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10119dbcs.sql`
3. Check the log file patch10119dbcs.log for any errors.

Update Additional Data for RMS

1. Change directories to staging area/sqlplus2.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10119ctl.sql`
3. Check the log file patch10119ctl.log for any errors.

Update Additional RMS Database Objects

1. Change directories to staging area/db_objects2
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10119rms.sql`
3. Check the log file patch10119rms.log for any errors.

Update Additional RMS Tables

1. Change directories to staging area/dbcs3.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10120dbcs.sql`
3. Check the log file patch10120dbcs.log for any errors.

Update Additional Data for RMS

1. Change directories to staging area/sqlplus3.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10120ctl.sql`
3. Check the log file patch10120ctl.log for any errors.

Update Additional RMS Database Objects

1. Change directories to staging area/db_objects3.
2. Log into SQL*Plus as RMS10DEV and run the following command:
   `SQL> @patch10120rms.sql`
3. Check the log file patch10120rms.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 SQL*Plus as RMS10DEV and run the following command:
   `SQL> @inv_obj_comp.sql`

   This script may need to be run more than once.

Update RETL

1. Change directories to staging area/retl/rfx/src.
2. Copy all the files from this directory INSTALL_DIR/retl/rfx/src:
   `cp * INSTALL_DIR/retl/rfx/src`
3. Change directories to staging area/retl/rfx/lib.
4. Copy all the files from this directory INSTALL_DIR/retl/rfx/lib:
   `cp * INSTALL_DIR/retl/rfx/lib`
5. Change directories to staging area/retl/rfx/schema.
6. Copy all the files from this directory INSTALL_DIR/retl/rfx/schema:
   `cp * INSTALL_DIR/retl/rfx/schema`

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.

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

   > **Notes:**
   > INSTALL_DIR is the location where RMS 10 was installed.
   > Make sure that the path for make, makedepend, and the compiler are in the $PATH environment variable.

   MMHOME=INSTALL_DIR/rms

   MMUSER=RMS schema owner

   PASSWORD=RMS schema owner password

   NLS_LANG= FRENCH_FRANCE.utf8

   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 are/batch/lib/src to INSTALL_DIR/rms/oracle/lib/src.
3. Change directories to INSTALL_DIR/rms/oracle/lib/src before running 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 rtm-ALL im-ALL recs-ALL resa-all resa-rms 2>&1 | tee srcall.log
    ```
14. Check the srcall.log file for errors.
15. 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 `rms10120apppatch.tar.Z` file from the CD /appserverunix directory to a newly created staging directory on your UNIX application server.
2. Log in to UNIX.
3. Change directories to the staging directory.

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

4. If the tar file extension has a Z in lowercase, change it by typing the following:
   `mv rms10120apppatch.tar.z rms10120apppatch.tar.Z`
5. Uncompress the tar file by entering the following:
   `uncompress rms10120apppatch.tar.Z`
6. Untar the tar file by entering the following:
   `tar xvf rms10120apppatch.tar`

Forms 6i Installation Instructions

1. Make sure that 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 the library as outlined in the RMS 10.1 Installation Guide, Appendix B.
3. Copy the Toolset Reference Form (fm*.fmb) to your toolset src directory.
4. In the toolset src directory, compile the reference form as outlined in the RMS 10.1 Installation Guide, Appendix B.
5. Copy the RMS forms source code (*.fmb) located on UNIX in the `<staging area>/forms/src` to your UNIX Web forms src directory.
6. In the Web forms src directory, compile the RMS forms (*.fmb) as outlined in the RMS 10.1 Installation Guide, Appendix B.
7. Move all compiled forms and menus (*.fmx and *.mmx) in the Web forms src directory to the bin directory.
8. Copy the RMS reports source code (*.rdf) located on UNIX in the `<staging area>/reports/src` to your UNIX Web reports src directory.
9. In the Web reports src directory, compile the RMS reports (*.rdf) as outlined in the RMS 10.1 Installation Guide, Appendix B.
10. Move all compiled reports (*.rep) in the Web reports src directory to the bin directory.
11. The RMS forms server process and reports server process should be reloaded after the RMS 10.1.18 executables have been copied to the appropriate UNIX Web forms directories.

Forms 9i Installation Instructions

Toolset

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

> **Notes:**
> INSTALL_DIR is the location where RMS will be installed.
> 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>

NLS_LANG= FRENCH_FRANCE.utf8

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 that each file with a .pld extension now has 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; proceed 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 PLLs.
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 an Oracle Retail standard to use the P_POPULATE_LIST library function to populate LOVs. 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 run-time forms (FMXs). This script will not compile FMBs.
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). 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 (MMXs). This script will not compile MMBs.
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). 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:** If .err files are created by the compilation scripts, 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 (FMXs). This script will not compile FMBs.
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). Contact Oracle Support if there is no means of manually compiling with Forms Builder.

> **Note:** Disregard fm_*.fmx files if they are 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 (MMXs). This script will not compile MMBs.
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). 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:** If .err files are created from the compilation scripts, these files are logs of the compilation process and can be removed.