

**Oracle® Retail Merchandising System**  
Installation Guide  
Release 10.1.20 French

September 2007

Copyright © 2007, Oracle. All rights reserved.

Primary Author: Rich Olson

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.

## 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.
- (iii) the SeeBeyond component developed and licensed by Sun MicroSystems, Inc. (Sun) of Santa Clara, California, to Oracle and imbedded in the Oracle Retail Integration Bus application.
- (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.
- (vi) the software component known as Access Via™ licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.
- (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

<b>Preface .....</b>	<b>vii</b>
Audience .....	vii
Related Documents.....	vii
Customer Support.....	vii
Review Patch Documentation.....	vii
Oracle Retail Documentation on the Oracle Technology Network.....	vii
Conventions.....	viii
<b>1 Database Installation Instructions .....</b>	<b>1</b>
Mount CD-ROM on the Database Server .....	1
Update RMS Types .....	2
Update RMS Tables .....	2
Update Data for RMS .....	2
Update RMS Database Objects.....	2
Update Additional RMS Types .....	2
Update Additional RMS Tables .....	2
Update Additional Data for RMS .....	3
Update Additional RMS Database Objects.....	3
Update Additional RMS Tables .....	3
Update Additional Data for RMS .....	3
Update Additional RMS Database Objects.....	3
Validate All Invalid Objects.....	3
Update RETL .....	4
Compile RMS Batch Libraries and Programs.....	4
<b>2 Application Server Installation Instructions .....</b>	<b>7</b>
Mount CD-ROM on the Database Server .....	7
Forms 6i Installation Instructions .....	7
Forms 9i Installation Instructions .....	8
Toolset .....	8
Forms.....	10



---

---

# 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](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.

---

# 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 into SQL\*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:\$LD\_LIBRARY\_PATH

OBJECT\_MODE=64

LINK\_CNTRL=L\_PTHREADS\_D7

**HP only:**

SHLIB\_PATH=\$ORACLE\_HOME/lib:\$MMHOME/oracle/lib/bin:\$SH\_LIBRARY\_PATH

**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 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 srccpnd.log`
12. Check the srccpnd.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.



---

# 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.dll is being used, replace stand45.dll with the pre-converted stand45\_9i.dll and skip step 8 below; proceed to step 9.

---

8. Run f90plsqlconv\_pll\_stand45 to convert stand45.dll to a Forms 9i module and automatically attach the Forms 9i library rp2rro.dll.
9. Run pl2plx9i\_toolset to compile all toolset DLLs.
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 uninitialized 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.

---