Oracle® Retail Merchandising System

Installation Guide
Release 11.0.12 German

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Oracle® Retail Merchandising System Installation Guide, Release 11.0.12 German

Primary Author: Paul Kehler

Value-Added Reseller (VAR) Language

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(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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(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.

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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 11.0.12 German 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 11.0.12 German patch:

- Make a backup of all your objects and database schema.
- Check that RMS 11.0.11 German is installed.
- Review the enclosed RMS 11.0.12 Patch Release Notes (rms-11012-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, 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.
>
> **Note:** As the retek UNIX user, make sure the NLS_LANG variable is set to GERMAN_GERMANY.utf8

Mount CD-ROM on the Database Server

1. Copy the rms11012dbpatch.zip file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:
   ```
   unzip rms11012dbpatch.zip
   ```

Update RMS Tables

1. Change directories to staging area/dbcs.
2. Log into sqlplus as RMS11DEV and run the following command:
   ```
   SQL> @patch11012dbcs.sql
   ```
3. Check the log file patch11012dbcs.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> @patch11012rms.sql
   ```
3. Check the log file patch11012rms.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> @patch11012ctl.sql
   ```
3. Check the log file patch11012ctl.log for any errors.

Update Pricing Types

1. Change directories to staging area/pricing/xml.
2. Log into sqlplus as RMS11DEV and run the following command:
   ```
   SQL> @pricing11012xml.sql
   ```
3. Check the log file pricing11012xml.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> @pricing11012dbcs.sql
   ```
3. Check the log file pricing11012dbcs.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> @pricing11012rms.sql
   ```
3. Check the log file pricing11012rms.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 need to be done if you are using AIP.

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
   ```

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
   ```
   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.
    a. To make dependencies:
       ```
       make –f mts.mk rms-depend recs-depend rtm-depend resa-depend 2>&1 | tee srcdpnd.log
       ```
    b. Check the srcdpnd.log file for errors:
    c. 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
       ```
    d. 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
       ```
    e. Check the srcall.log file for errors.
    f. To install batch programs:
       ```
       make –f mts.mk rms-install recs-install resa-install rtm-install
       ```
       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

    g. To make FIF batch programs.
    h. To make the dependencies run this command:
       ```
       make –f mts.mk fif-depend
       ```
    i. To make the batch program run this command:
       ```
       make –f mts.mk fif-ALL
       ```
    j. To install batch programs:
       ```
       make –f mts.mk fif-install
       ```
       The Oracle Financials Interface batch programs should now be in INSTALL_DIR/rms/oracle/proc/bin

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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 Application Server

1. Copy the rms11012apppatch.zip file from the CD /appserverunix directory to a newly created staging directory on your UNIX server.
2. Unzip the file by entering:
   `unzip rms11012apppatch.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
NLS_LANG=GERMAN_GERMANY.utf8
```

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>
```

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 has 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 leaves 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 has 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 has 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 has 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 leaves 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 has 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: The compilation scripts may create .err files. These files are logs of the compilation process and can be removed.