

Retek[®] Merchandising System[™]

10.1.9

Installation Guide

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- 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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Chapter 1 – Database server installation instructions

Before you apply the RMS 10.1.9 patch:

- Make a backup of all your objects and database schema.
- Check that RMS 10.1.8 is installed.
- Review the enclosed RMS 10.1.9 Patch Release Notes (rms-1019-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 `rms1019dbpatch.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:

```
mv rms1019dbpatch.tar.z rms1019dbpatch.tar.Z
```
- 6 Uncompress the tar file by entering:

```
uncompress rms1019dbpatch.tar.Z
```
- 7 Untar the tar file by entering:

```
tar xvf rms1019dbpatch.tar
```

Update XML DDL



Note: This script will attempt to drop tables that may not exist in the database. This is done to insure that the correct table is being created.

- 1 Log in to UNIX as the retek user.
- 2 Change directories to <staging area>/xml.
- 3 Review and understand the scripts before running them.
- 4 If you have customized any objects, make modifications.
- 5 Log in to SQLPLUS as the rmsdev10 user.
- 6 Enter the following command:
`SQL> @patch1019xml.sql`
- 7 View the spool file patch1019xml.log when finished to verify that no errors were found.

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:
`SQL> @patch1019dbcs.sql`
- 6 View the spool file patch1019dbcs.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:
`SQL> @patch1019ctl.sql`
- 4 View the spool file patch1019ctl.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:
`SQL> @patch1019rms.sql`
- 4 Exit SQLPlus.
- 5 View the spool file `patch1019rms.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/rmsetl/rfx/src`
`cp * INSTALL_DIR/rmsetl/rfx/src`
- 3 Change directories to `<staging area>/retl/rfx/schema`
- 4 Copy files to `INSTALL_DIR/rmsetl/rfx/schema`
`cp * INSTALL_DIR/retl/rfx/schema`
- 5 Change directories to `<staging area>/retl/rfx/lib`
- 6 Copy files to `INSTALL_DIR/rmsetl/rfx/lib`
`cp * INSTALL_DIR/rmsetl/rfx/lib`
- 7 Change directories to `<staging area>/retl/rfx/etc`
- 8 Copy files to `INSTALL_DIR/rmsetl/rfx/etc`
`cp * INSTALL_DIR/rmsetl/rfx/etc`

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


```
make -f rms.mk PRODUCT_PROCFLAGS=dynamic=ansi ditinsrt
```

Chapter 2 – 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 10.1.9 patch upgrade.

Forms 6i Installation Instructions

- 1 Mount the CD-ROM on your UNIX Application Server.
- 2 Change directories to /appserverunix.
- 3 Copy the rms1019apppatch.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:

```
mv rms1019apppatch.tar.z rms1019apppatch.tar.Z
```
- 7 Uncompress the tar file by entering:

```
uncompress rms1019apppatch.tar.Z
```
- 8 Untar the tar file by entering:

```
tar xvf rms1019apppatch.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 Copy the RMS forms source code (*.fmb) located on UNIX in the <staging area>/forms/src to your UNIX Web forms src directory.
- 11 In the Web forms src directory, compile the RMS forms (*.fmb) as outlined in the RMS 10.1 installation guide, Appendix B.
- 12 Move all compiled forms and menus (*.fmx and *.mmx) in the Web forms src directory to the bin directory.
- 13 The RMS forms server process and reports server process should be reloaded after the RMS 10.1.9 executables have been copied to the appropriate UNIX Web forms directories.

Forms 9i Installation Instructions



Note: Because of Oracle bugs #3083648 and #2710859, and related Sun JVM Bug #4486745, some column headers and other font fields throughout the RMS application appear to have the bottom portion of text cut off when running in Forms 9i mode. This issue does not affect functionality. An Oracle enhancement request(3083648) has been made for a fix to the forms font handling mechanism.



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 10.1.9 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 rms1019apppatch.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:

```
mv rms1019apppatch.tar.z rms1019apppatch.tar.Z
```
- 7 Uncompress the tar file by entering:

```
uncompress rms1019apppatch.tar.Z
```
- 8 Untar the tar file by entering:

```
tar xvf rms1019apppatch.tar
```
- 9 Make sure your UNIX environment is set up properly to compile Oracle Forms

Forms

- 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
```



Note: The forms9i_scripts directory was released with RMS 10.1.7 and should still be in the INSTALL_DIR directory

Solaris only:

```
LD_LIBRARY_PATH=9iAS_ORACLE_HOME/lib:9iAS_ORACLE_HOME/jdk/jre/lib/sparc
rc: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_O
RACLE_HOME/jdk/jre/lib
```

```
LIBPATH=9iAS_ORACLE_HOME/lib32:9iAS_ORACLE_HOME/lib:9iAS_ORACLE_HO
ME/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_ORAC
LE_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 <staging area>/forms/src
- 4 Copy files to INSTALL_DIR/forms/src
- 5 Change directories to INSTALL_DIR/forms/src.
- 6 Run fmb2fmx9i to generate Forms 9i runtime forms – fmx's. This script will not compile fmb's.
- 7 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.
- 8 Move all newly created fmx files to the INSTALL_DIR/toolset/bin directory.
- 9 Run mmb2mmx9i to generate Forms 9i runtime menus – mmx's. This script will not compile mmb's.
- 10 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.
- 11 Move all newly created mmx files to the INSTALL_DIR/forms/bin directory.



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.



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

9iAS Release 2 Configuration

Installation/configuration notes for Oracle 9iAS Release 2 that have been provided as part of this RMS 10.1.7 patch can be referenced to aid in configuring 9iAS R2 to run RMS in Forms 9i mode. Contact Oracle Support for configuration problems or issues.