

**Oracle Retail® Merchandising  
System™**  
**10.1.11–10.1.12 JL**

**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

Before you apply the RMS 10.1.11 – 10.1.12 patch:

- Make a backup of all your objects and database schema.
- Check that RMS 10.1.10 is installed.
- Review the enclosed RMS 10.1.11-10.1.12 patch Release Notes (rms-10111jl-rn.pdf, rms-10112jl-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 to 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 directory before copying over them in case they need to be referred to at a later time.



**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 rms10111to10112dbpatch.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 has a “z” in lowercase, change it by typing:

```
mv rms10111to10112dbpatch.tar.z rms10111to10112dbpatch.tar.Z
```

6. Uncompress the tar file by entering:

```
uncompress rms10111to10112dbpatch.tar.Z
```

7. Untar the file by entering:

```
tar xvf rms10111to10112dbpatch.tar
```

## Update XML DDL



**Note:** This script attempts to drop tables that may not exist in the database. This is performed to ensure that the correct table is being created.

1. Change directories to <staging area>/xml.
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>@patch10111to10112xml.sql
```

6. View the spool file patch1019to10110xml.log when finished to verify that no errors were found.

## Update DDL



**Note:** This script attempts to drop a number of objects that may not exist in the database. This is done to ensure that the correct objects are being created.

1. Change directories to <staging area>/dbc.
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> @patch10111to10112dbc.sql
```

6. View the spool file patch10111to10112dbc.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> @patch10111to10112ctl.sql
```
4. View the spool file patch10111to10112ctl.log when finished to verify that no errors found.

## Update packages, stored procedures and functions



**Note:** During revalidating, deadlocks may appear. This occurrence is acceptable because 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> @patch10111to10112rms.sql`
4. Exit SQLPlus.
5. View the spool file patch10111tp10112rms.log when finished to verify that no errors were found.
6. After you compiled all these objects, validate any objects that may have become invalid. You can perform this task 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 RETL extracts

1. On the server, change directories to <staging area>/retl/rfx/lib
2. Copy file to <INSTALL\_DIR>/retl/rfx/lib  
`cp * <INSTALL_DIR>/retl/rfx/lib`
3. On the server, change directories to <staging area>/retl/rfx/src
4. Copy file to <INSTALL\_DIR>/retl/rfx/src  
`cp * <INSTALL_DIR>/retl/rfx/src`
5. On the server, change directories to <staging area>/retl/rfx/schema  
`cp * <INSTALL_DIR>/retl/rfx/schema`

## Recompile libraries and batch programs



**Note:** Begin this procedure 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 Installation 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 10.1.10 patch upgrade.

## Forms 6i Installation Instructions

1. Mount the CD-ROM on your UNIX application server.
2. Change directories to /appserverunix.
3. Copy the rms10111to10112apppatch.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 rms10111to10112apppatch.tar.z rms10111to10112apppatch.tar.Z
```

7. Uncompress the tar file by entering:

```
uncompress rms10111to10112apppatch.tar.Z
```

8. Untar the tar file by entering:

```
tar xvf rms10111to10112apppatch.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 (\*.fmb) located on UNIX in the <staging directory>/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 (\*.fmx) 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 10.1.12 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 10.1.12 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 rms10111to10112apppatch.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 rms10111to10112apppatch.tar.z rms10111to10112apppatch.tar.Z
```

7. Uncompress the tar file by entering:

```
uncompress rms10111to10112apppatch.tar.Z
```

8. Untar the tar file by entering:

```
tar xvf rms10111to10112apppatch.tar
```

9. Make sure your UNIX environment is set up properly to compile Oracle Forms.

10. Change directories to <staging area>/forms/src.

11. Copy the files to INSTALL\_DIR/forms/src.

12. Change directories to INSTALL\_DIR/forms/src.

13. Run fmb2fmx9i to generate Forms 9i runtime forms – fm(x)s. This script does not compile fmb(s).

14. 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 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/src/bin directory.

15. Move all newly created fmx 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.