

Retek® Distribution Management 10.3



Patch 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 RDM 10.3 patch:

- Make a backup of all your objects and database schema.
- Check that RDM 10.2.1 is installed.
- Review the enclosed RDM 10.3 Patch Release Notes (rdm-103-rn.pdf)

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 rdmdev10 as the Oracle owning schema.

Mount CD-ROM on the Database Server

- 1 Mount the CD-ROM on your Database Server.
- 2 Copy the `rdm103dbpatch.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 rdm103dbpatch.tar.z rdm103dbpatch.tar.Z
```
- 6 Uncompress the tar file by entering:

```
uncompress rdm103dbpatch.tar.Z
```
- 7 Untar the tar file by entering:

```
tar xvf rdm103dbpatch.tar
```

Update grants to user

- 1 Log in to SQLPLUS as the sys as sysdba user.
- 2 Run the following command:

```
SQL> grant select on dba_tables to <rdmdev10>;
```

Update tables and data

- 1 Log in to UNIX as the retek user.
- 2 Change directories to <staging area>/dbcs.
- 3 Review and understand the new dbc scripts before running them.
- 4 If you have customized any objects, make modifications.
- 5 Log in to SQLPLUS as the rdmdev10 user.
- 6 Enter the following command:

For a test database:

```
SQL> @rdm103_upgrade_test.sql
```


For a small database:

```
SQL> @rdm103_upgrade_small.sql
```


For a medium database:

```
SQL> @rdm103_upgrade_medium.sql
```


For a large database:

```
SQL> @rdm103_upgrade_large.sql
```


This runs all of the scripts needed to create tables, indexes, constraints, sequences, and views for the user. A spool file will be created named rdm103_upgrade_[size].log which is in <staging area>/dbcs.
- 7 Exit SQLPlus.
- 8 Check the log file upon completion to verify that no errors were received.
- 9 Change directories to <staging area>/sqlplus.
- 10 Log in to SQLPLUS as the rdmdev10 user.
- 11 Enter the following command:


```
SQL> @rdm103_data_upgrade.sql
```
- 12 Exit SQLPlus.
- 13 Check the log file upon completion to verify that no errors were received.

Update triggers

- 1 On the server, change directories to <staging area>/dbcs.
- 2 Log in to SQLPLUS as rdmdev10.
- 3 Enter the following command to update packages, procedures, and functions:

```
SQL> @startall_dbo.sql
```
- 4 Exit SQLPlus.
- 5 View the spool file `startall_dbo.log` when finished to verify that no errors were found. There may be compilation errors. These will be resolved later.

Update packages, stored procedures and functions

- 1 On the server, change directories to <staging area>/db_objects.
- 2 Log in to SQLPLUS as rdmdev10.
- 3 Enter the following command to update packages, procedures, and functions:

```
SQL> @startall_dbo.sql
```
- 4 View the spool file `startall_dbo.log` when finished to verify that no errors were found. There may be compilation errors. These will be resolved later.
- 5 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`

Chapter 2 – Application Server installation instructions

Note: If you have modified any forms, menus or reports make a backup copy so that you can reapply any custom modifications.

UNIX Application Server installation instructions

- 1 Mount the CD-ROM on your UNIX Application Server.
- 2 Change directories to /appserverunix.
- 3 Copy the rdm102apppatch.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 rdm103apppatch.tar.z rdm103apppatch.tar.Z
```
- 7 Uncompress the tar file by entering:

```
uncompress rdm103apppatch.tar.Z
```
- 8 Untar the tar file by entering:

```
tar xvf rdm103apppatch.tar
```
- 9 Make sure your UNIX environment is set up properly to compile Oracle Forms (see the RDM 10.0.0.1 installation guide for more information).

Remove forms and libraries

- 1 Change directories to <INSTALL_DIR>/rdm/forms/bin
- 2 Remove the file tm_load_container.s.fmx

```
➤ rm tm_load_container.s.fmx
```
- 3 Change directories to <INSTALL_DIR>/rdm/forms/src
- 4 Remove the file tm_load_container.s.fmb

```
➤ rm tm_load_container.s.fmb
```

Compile RDM libraries (*.pll)

- 1 Change directories to <staging area>/forms/src.
- 2 Copy all of the libraries (.pll files) in the <staging area>/forms/src directory to the <INSTALL_DIR>/rdm/forms/src directory.
- 3 Change directories to <INSTALL_DIR>/rdm/forms/src directory.
- 4 Use the p112plx script located in that directory to compile and generate the executable libraries (plx).

```
> export UP=<db_user>/<db_user_password>@<Oracle_db>
➤ chmod 755 pll2plx (if necessary)
➤ ./pll2plx
```

- 5 Check to make sure each .pll file has a corresponding .plx file. If a library fails to compile (there is no .plx file), you may have to manually compile the library by launching the form builder tool.(f60desm&)
- 6 All resulting .plx files need to be moved to the <INSTALL_DIR>/rdm/forms/bin directory. From the <INSTALL_DIR>/rdm/forms/src directory, issue the following command:


```
> mv *.plx ../bin
```

Compile forms (*.fmb)

- 1 Change directories to <staging area>/forms/src.
- 2 Copy all the *.fmb's to <INSTALL_DIR>/rdm/forms/src.
- 3 Change directories to <INSTALL_DIR>/rdm/forms/src.
- 4 Use the fmb2fmx script located in that directory to compile and generate the executable forms (fmx).


```
> export UP=<db_user>/<db_user_password>@<Oracle_db>
> chmod 755 fmb2fmx (if necessary)
> ./fmb2fmx
```
- 5 Check to make sure each .fmb file has a corresponding .fmx file. If a form fails to compile (there is no .fmx file), you may have to manually compile the form by launching the form builder tool.(f60desm&)
- 6 All resulting .fmx files need to be moved to the <INSTALL_DIR>/rdm/forms/bin directory. From the <INSTALL_DIR>/rdm/forms/src directory, issue the following command:


```
> mv *.fmx ../bin
```

Compile menus (*.mmb)

- 1 Change directories to <staging area>/forms/src.
- 2 Copy all the *.mmb's to <INSTALL_DIR>/rdm/forms/src.
- 3 Change directories to <INSTALL_DIR>/rdm/forms/src
- 4 Use the mmb2mmx script located in that directory to compile and generate the executable form menu *.mmx.


```
> chmod 755 mmb2mmx (if necessary).
> ./mmb2mmx
```
- 5 The resulting *.mmx files need to be moved to the <INSTALL_DIR>/rdm/forms/bin directory. From the <INSTALL_DIR>/rdm/forms/src directory, issue the following command:

```
> mv *.mmx ../bin
```

Copy reports (*.rdf)

- 1 Change directories to <staging area>/reports/src.
- 2 All *.rdf files need to be copied to the <INSTALL_DIR>/rdm/reports/bin directory. From the <staging area>/reports/src directory, issue the following command:

```
> cp *.rdf <INSTALL_DIR>/rdm/reports/bin
```

Copy remaining files

- 1 Change directories to <staging area>/forms/src.
- 2 All *.sql files and *.sh files need to be copied to the <INSTALL_DIR>/rdm/foms/bin directory. From the <staging area>/forms/src directory, issue the following commands:

```
> cp *.sql <INSTALL_DIR>/rdm/forms/bin
```

```
> cp *.sh <INSTALL_DIR>/rdm/forms/bin
```

Install Help files

- 1 Change directories to <INSTALL_DIR>/web_html/help/AM.
- 2 Remove all files and subdirectories from <INSTALL_DIR>/web_html/help/AM.
- 3 Issue the following commands from <INSTALL_DIR>/web_html/help/AM:

```
> uncompress <staging area>/web_html/help/AM/rdm103_help.tar.Z  
> tar -xvf <staging area>/web_html/help/AM/rdm103_help.tar
```