

Retek® Distribution Management 10.2



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.

Contents

Chapter 1 – Database server installation instructions 1

Mount CD-ROM on the Database Server	1
Update grants to user	1
Update tables and data.....	2
Update triggers	3
Update packages, stored procedures and functions.....	3

Chapter 2 – Application Server installation instructions 5

UNIX Application Server installation instructions	5
Remove forms and libraries.....	5
Compile RDM libraries (*.pll)	6
Compile forms (*.fmb).....	7
Compile menus (*.mmb)	7
Copy reports (*.rdf)	8
Copy remaining files	8
NT Application Server installation instructions.....	8

Chapter 1 – Database server installation instructions

Before you apply the RDM 10.2 patch:

- Make a backup of all your objects and database schema.
- Check that RDM 10.2 is installed.
- Review the enclosed RDM 10.2 Patch Release Notes (rdm-102-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 `rdm102dbpatch.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 rdm102dbpatch.tar.z rdm102dbpatch.tar.Z
```
- 6 Uncompress the tar file by entering:

```
uncompress rdm102dbpatch.tar.Z
```
- 7 Untar the tar file by entering:

```
tar xvf rdm102dbpatch.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> @upgrade_database_test.sql
```


For a small database:

```
SQL> @upgrade_database_small.sql
```


For a medium database:

```
SQL> @upgrade_database_medium.sql
```


For a large database:

```
SQL> @upgrade_database_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 upgrade_database_[size].lst which is in <staging area>/dbcs.
- 7 Exit SQLPlus.
- 8 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 rdm102apppatch.tar.z rdm102apppatch.tar.Z
```
- 7 Uncompress the tar file by entering:

```
uncompress rdm102apppatch.tar.Z
```
- 8 Untar the tar file by entering:

```
tar xvf rdm102apppatch.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 & <INSTALL_DIR>/rdm/forms/src.
- 2 The following forms and libraries should be removed:

```
calend36.pll
stand36.pll
messge36.pll
pcsdate.pll
fm_refer.fmb
fmdate36.fmb
fmmbk36.fmb
fmmult36.fmb
fmrefe36.fmb
```

fmtdate.fmb
fmtwork.fmb
fmtwork36.fmb
equipment_type_editor_s.fmb
mainmenu_no_mld.mmb

Compile RDM libraries (*.pll)

- 1 Change directories to <staging area>/forms/src.
- 2 Move all of the libraries (.pll files) in the <staging area>/forms/src directory to the <INSTALL_DIR>/rdm/forms/bin directory.
- 3 Change directories to <INSTALL_DIR>/rdm/forms/bin directory.
- 4 Start the Form Builder tool to compile all libraries for the RDM application

> f60desm &

- a A blue GUI interface will be displayed. Click Cancel at the welcome page.
- b Choose File → Connect. Log into the database as the Retek oracle schema owner.
- c Compile the libraries in the following order and generate plx:

hint.pll
calendar.pll
d2kcoord.pll
d2kwutil.pll
D2kwutil.pll
dc_view_lib.pll
drag.pll
facility_setup.pll
general.pll
naut_library.pll
og.pll
report_setup.pll
windows.pll
naut_hh_library.pll
naut_gui_library.pll
lib_labor_prod.pll
init_naut.pll
naut_tm_library.pll
d2kcomn.pll

- 5 For each library file:
 - a Choose File → Open.
 - b Select <INSTALL_DIR>/rdm/forms/bin/FILENAME.pll.
 - c Click **OK**.
 - d Once the library is loaded, select the library name, select Program, and choose Compile > All.
 - e After the compilation, select library name, and press Ctrl + T to generate plx file.
 - f After successful compilation and generating plx , save and close the library.

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
```

NT Application Server installation instructions

- 1 Mount the CD-ROM on your NT Application Server.
- 2 Change directories to /appservernt.
- 3 Double-click on patch102nt.exe.
- 4 When prompted, enter a staging directory in which to temporarily hold the patch code.
- 5 Copy all the files located in the <stage area>\webnt\forms\bin directory to the appropriate directory on your NT Web server.
- 6 Copy the reports (.rdf) located in the <stag area>\webnt\reports\bin directory to the appropriate directory on your NT Web server.