

Retek[®] Distribution Management[™] 10.3.1



Patch Installation Guide



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Internet (ROCS)	www.retek.com/support Retek's secure client Web site to update and view issues
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Phone	US & Canada: 1-800-61-RETEK (1-800-617-3835) World: +1 612-587-5800 EMEA: 011 44 1223 703 444 Asia Pacific: 61 425 792 927
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- Product version and program/module name.
- 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 10.3.1 patch:

- Make a backup of all your objects and database schema.

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 rdm1031dbpatch.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 rdm1031dbpatch.tar.z rdm1031dbpatch.tar.Z
```
- 6 Uncompress the tar file by entering:

```
uncompress rdm1031dbpatch.tar.Z
```
- 7 Untar the tar file by entering:

```
tar xvf rdm1031dbpatch.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

Note: New tablespaces are introduced in this patch please make sure you have these installed before you continue:

data_small	10MB
data_medium	100MB
data_large	300MB
index_small	10MB
index_medium	150MB
index_large	800MB

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

- 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 rlmdev10 user.
- 6 Enter the following command:

```
SQL> @rdm1031_upgrade_uniext.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.

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.

Update Data

- 1 On the server, change directories to <staging area>/sqlplus.
- 2 Log in to SQLPLUS as rdmdev10.
- 3 Enter the following command to update packages, procedures, and functions:
`SQL> @rdm103_data_upgrade.sql`
- 4 View the spool file `rdm103_data_upgrade.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 rdm1031apppatch.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 rdm1031apppatch.tar.z rdm1031apppatch.tar.Z
```
- 7 Uncompress the tar file by entering:

```
uncompress rdm1031apppatch.tar.Z
```
- 8 Untar the tar file by entering:

```
tar xvf rdm1031apppatch.tar
```
- 9 Make sure your UNIX environment is set up properly to compile Oracle Forms (see the RDM 10.1 installation guide for more information).

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>/RLM/forms/bin directory. From the <INSTALL_DIR>/RLM/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 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/forms/bin directory. From the <staging area>/forms/src directory, issue the following commands:

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