

Retek® Customer Order Management 10.1



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 RCOM 10.1 patch:

- Make a backup of all your objects and database schema.
- Check that RCOM 10.0.0.1 is installed.
- Review the enclosed RCOM 10.1 Patch Release Notes (RCOM-101-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).
- It is always a good idea to 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 rcomdev10 as the Oracle owning schema.

Mount CD-ROM on the Database Server

- 1 Mount the CD-ROM on your Database Server.
- 2 Copy the `rcom101dbpatch.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 entering:

```
mv rcom101dbpatch.tar.z rcom101dbpatch.tar.Z
```
- 6 Uncompress the tar file by entering:

```
uncompress rcom101dbpatch.tar.Z
```
- 7 Untar the tar file by entering:

```
tar xvf rcom101dbpatch.tar
```

Drop objects

- 1 Log in to SQLPLUS as `rcomdev10`.
- 2 Drop the following objects:
 - a `COESFEDEX` (package)
 - b `START_PICK_RELEASE_JOB` (procedure)
 - c `RCOMSUB_CURRCRE` (package)

Update DDL

Note: The following two files may not have been run in your RCOM 10.0.0.1 install. Verify that they were run. If they were not run, run them at this time:

```
<INSTALL_DIR>/install/sqlplus/coe_event_types.sql  
<INSTALL_DIR>/install/sqlplus/coe_image_types_a.sql
```

- 1 Log in to UNIX as the retek user.
- 2 Change directories to <staging area>/dbc.
- 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 rcomdev10 user.
- 6 Enter the following command:

```
SQL> @patch101dbc.sql
```
- 7 View the spool file patch101dbc.log when finished to verify that no errors were found.

Import data

- 1 On the server, change directories to <staging area>/import.
- 2 Log in to SQLPLUS as rcomdev10.
- 3 Enter the following command to truncate table:

```
SQL> @com_truncate.sql
```
- 4 Exit SQLPlus.
- 5 Edit the com_import.par file:

```
set TOUSER=<schema owner>
```
- 6 At the Unix prompt, enter the following:

```
$ imp parfile=com_import.par
```

The user should be sys as sysdba.
- 7 Log in to SQLPLUS as rcomdev10.
- 8 Enter the following command to enable constraints:

```
SQL> @com_enable.sql
```


Update control tables

- 1 On the server, change directories to <staging area>/server/oracle/sqlplus.
- 2 Log in to SQLPLUS as rcomdev10.
- 3 Enter the following command to update control tables:
SQL> @patch101ctl.sql
- 4 View the spool file patch101ctl.log when finished to verify that no errors were found.

Update packages, stored procedures and functions

- 1 On the server, change directories to <staging area>/db_objects.
- 2 Log in to SQLPLUS as rcomdev10.
- 3 Enter the following command to update packages, procedures, and functions:
SQL> @patch101rcom.sql
- 4 Exit SQLPlus.
- 5 View the spool file patch101rcom.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.

Update RIB XML packages, stored procedures, and functions

- 1 On the server, change directories to <staging area>/XML_Uutilities.
- 2 Log in to SQLPLUS as rcomdev10.
- 3 Enter the following command to update packages, procedures, and functions:
SQL> @patch101xml.sql
- 4 Exit SQLPlus.
- 5 View the spool file patch101xml.log when finished to verify that no errors were found.
- 6 While in the <staging area>/XML_Uutilities run the following command:
\$sqlldr rcomdev10/<password>
control=rib_doctypes_rcom.ctl
- 7 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 rcom101apppatch.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 entering:

```
mv rcom101apppatch.tar.z rcom101apppatch.tar.Z
```
- 7 Uncompress the tar file by entering:

```
uncompress rcom101apppatch.tar.Z
```
- 8 Untar the tar file by entering:

```
tar xvf rcom101apppatch.tar
```
- 9 The following forms are no longer needed please delete them from your forms/bin directory:
 - coefbafq.fmb
 - coefcman.fmb
 - coefcnsh.fmb
 - coefepkp.fmb
 - coefeprs.fmb
 - coefmani.fmb
 - coefmfty.fmb
 - coeforaw.fmb
 - coefpkcf.fmb
 - coefpkrm.fmb
 - coefprbv.fmb
 - coefptrp.fmb
 - coefrpty.fmb
 - coefwapr.fmb

- coefwasc.fmb
 - coefwast.fmb
 - coelmani.fmb
- 10 Delete the following report:
- coerpkau.rdf
- 11 Make sure your UNIX environment is set up properly to compile Oracle Forms (see the RCOM 10.0.0.1 installation guide for more information).

Compile RCOM 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>/rcom/forms/bin directory.
- 3 Change directories to the <INSTALL_DIR>/rcom/forms/bin directory.
- 4 Start the Form Builder tool to compile all libraries for the RCOM toolset
 - > 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:
 - com_version.pll
 - com_message.pll
 - com_prefs.pll
 - com_support.pll
 - com_cas2.pll
 - com_events.pll
 - coefivndl.pll
 - coefordel.pll
- 5 For each library file:
 - a Choose File > Open.
 - b Select <INSTALL_DIR>/rcom/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 successful compilation, click **OK**.
 - f Save and close the library.

Move RCOM Reference Form (com_ref.fmb)

- 1 Change directories to <staging area>/forms/src.
- 2 Move the reference form (com_ref.fmb) from <staging area>/forms/src to <INSTALL_DIR>/rcom/forms/bin.

```
> cp com_ref.fmb <INSTALL_DIR>/rcom/forms/bin
```

Compile RCOM Forms (*.fmb)

- 1 Change directories to <staging area>/forms/src.
- 2 Copy all the *.fmb to <INSTALL_DIR>/rcom/forms/src.
- 3 Change directories to <INSTALL_DIR>/rcom/forms/src.
- 4 Use the fmb2fmx script located in that directory to compile the forms.

```
> 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>/rcom/forms/bin directory. From the <INSTALL_DIR>/rcom/forms/src directory, issue the following command:

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

Compile RCOM Menus (*.mmb)

- 1 Change directories to <staging area>/forms/src.
- 2 Copy all the *.mmb to <INSTALL_DIR>/rcom/forms/src.
- 3 Change directories to <INSTALL_DIR>/rcom/forms/src.
- 4 Use the mmb2mmx script in that directory to compile the menus.

```
> chmod 755 mmb2mmx (if necessary).
```

```
> ./mmb2mmx
```
- 5 Check to make sure each .mmb has a corresponding .mmx file.
- 6 All resulting .mmx files need to be moved to the <INSTALL_DIR>/rcom/forms/bin directory. From the <INSTALL_DIR>/rcom/forms/src directory, issue the following command:

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

Compile reports (*.rdf)

- 1 Change directories to <staging area>/reports/src.
- 2 Copy all *.rdf files to <INSTALL_DIR>/rcom/reports/src.
- 3 Change directories to <INSTALL_DIR>/rcom/reports/src.
- 4 Use the rdf2rep script located in that directory to compile the reports:


```
> chmod 755 rdf2rep (if necessary) .
> ./rdf2rep
```
- 5 Check to make sure each .rdf file has a corresponding .rep file.
- 6 All resulting .rep files need to be moved to the <INSTALL_DIR>/rcom/reports/bin directory.
- 7 From the <INSTALL_DIR>/rcom/reports/src directory, issue the following command:


```
> mv *.rep ../bin
```

Copy Web Help files

- 1 Change directories to <staging area>/web_html/helpfiles/english/rcom.
- 2 Copy all files and directories to <INSTALL_DIR>/web_html/helpfiles/english/rcom.
- 3 From the <staging area>/web_html/helpfiles/english/rcom directory, issue the following command:


```
> cp -r * <INSTALL_DIR>/web_html/helpfiles/english/rcom
```

NT Application Server installation instructions

- 1 Mount the CD-ROM on your NT Application Server.
- 2 Change directories to /appservernt.
- 3 Double-click on patch101nt.exe.
- 4 When prompted, enter a staging directory in which to temporarily hold the patch code.
- 5 Copy the forms libraries (*.pll), forms executables (*.fmx), and menu executables (*.mmx) located in the <stage area>\webnt\forms\bin directory to the appropriate directory on your NT Web server.
- 6 Copy the reports executables (.rep) located in the <stage area>\webnt\reports\bin directory to the appropriate directory on your NT Web server.