

# **Retek<sup>®</sup> Price Management<sup>™</sup>**

## **10.1.4**

### **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 RPM 10.1.4 patch:

- Check that RMS 10.1.10 is installed.
- Check that RPM 10.1.3 is installed.
- Review the enclosed RPM 10.1.4 Patch Release Notes (rpm-1014-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 over the new version of the module (or the fix may need to be applied to the custom version of the code). Please refer to Chapter 2.
- 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:** Normally OC4J is installed in an existing Oracle 9iAS (9IAS\_ORACLE\_HOME) location. However, OC4J can be installed and run outside 9IAS\_ORACLE\_HOME. For this reason, ORACLE\_HOME refers to the location where OC4J will be installed.



**Note:** JDK 1.3.x is a requirement for both OC4J and RPM

## Mount CD-ROM on the Database Server

- 1 Mount the CD-ROM on your Database Server.
- 2 Copy the `rpm1014dbpatch.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 rpm1014dbpatch.tar.z rpm1014dbpatch.tar.Z
```
- 6 Uncompress the tar file by entering:  

```
uncompress rpm1014dbpatch.tar.Z
```
- 7 Untar the tar file by entering:  

```
tar xvf rpm1014dbpatch.tar
```

### Update DDL

- 1 Change directories to <staging area>/dbcs.
- 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> @patch1014dbcs.sql
```
- 6 View the spool file patch1014dbcs.log when finished to verify that no errors were found.

### Update Data

- 1 Change directories to <staging area>/sqlplus
- 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> @patch1014ctl.sql
```
- 6 View the spool file patch1014ctl.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 rmsdev10.
- 3 Enter the following command to update packages, procedures, and functions:  

```
SQL> @patch1014rpm.sql
```
- 4 Exit SQLPlus.
- 5 View the spool file patch1014rpm.log when finished to verify that no errors were found.



# Chapter 2 – Application Server installation instructions

## UNIX (Sun Solaris/HPUX/AIX)

### Copy and unpack install files from CDROM

- 1 Mount the CD-ROM on your UNIX Application Server.
- 2 Change directories to /appserverunix.
- 3 Copy the rpm1014apppatch.tar 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.
- 6 Untar the tar file by entering:
 

```
tar xvf rpm1014apppatch.tar
```

### Deploy the RPM War File into the Default OC4J Application



**Note:** J2EE\_HOME refers to \$ORACLE\_HOME/j2ee/home.



**Note:** The variable <product> refers to the name of the rpm.war file

- 1 Back up the following objects currently deployed in \$J2EE\_HOME/applications:
  - rpm.war
  - rpm/



**Note:** This is the directory that was created when deploying the rpm.war file just backed up

- 2 Copy the new rpm.war file from <staging directory>/ to \$J2EE\_HOME/applications.

### Start/Stop/Load the default OC4J application

- 1 First to stop the default OC4J container if you haven't done so already, issue the following command in \$J2EE\_HOME:

```
> java -jar admin.jar ormi://<server_name>/ <admin_id>
<admin_password> -shutdown -force
```



**Note:** <server\_name> is the name of the server or it's IP address. <admin\_id> and <admin\_password> are the administration username and password supplied during the OC4J install.



**Example:** java -jar admin.jar ormi:/retexdev10/ admin admin -shutdown -force

- 2 To start the default OC4J container, issue the following command in \$J2EE\_HOME:  

```
> java -jar oc4j.jar &
```

“Oracle9iAS (1.0.2.2.1) Containers for J2EE initialized” (or similar) is displayed at the command line after successful startup.

### Edit the file db.properties

- 1 Change directories to \$J2EE\_HOME/applications/rpm/WEB-INF/classes/com/retex/rpm/util/conf.
- 2 Edit db.properties; the values to be changed are:  

```
rms.url=jdbc:oracle:thin:@<database server>:<port>:<database sid>  
rms.user=<rms schema owner>  
rms.password=<rms schema password>
```

#### Where:

- Database server = machine name of server where the database resides
- port = Oracle database port
- database sid = Oracle database sid name
- rms schema owner = name of the RMS 10.1.4 database schema
- rms schema password = RMS 10.1.4 database schema password



**Example:** rms.url=jdbc:oracle:thin:@retexdev10:1521:rms109i  
rms.user=rms10  
rms.password=retex  
rmsmaxconn=15  
rms.driver=oracle.jdbc.driver.OracleDriver

```
# Set to disable rfx in the batch. Will use SQL instead  
disablerfx=true
```

```
# Set to the rfx executable  
rfxpath=C:\\dev\\rpm\\rfxFake.bat
```



**Note:** disablerfx and rfxpath in the db.properties file should not be changed.

### Reload the default OC4J application



**Note:** OC4J must be reloaded in order for the changes made to db.properties to take effect.

- 1 To stop the default OC4J container, issue the following command in \$J2EE\_HOME:

```
> java -jar admin.jar ormi://<server_name>/ <admin_id>  
<admin_password> -shutdown -force
```



**Note:** <server\_name> is the name of the server or its IP address. <admin\_id> and <admin\_password> are the administration username and password supplied during the OC4J install.



**Example:** java -jar admin.jar ormi:/retekdev10/ admin admin -shutdown -force

- 2 To start the default OC4J container, issue the following command in \$J2EE\_HOME:

```
java -jar $J2EE_HOME/oc4j.jar &
```

“Oracle9iAS (1.0.2.2.1) Containers for J2EE initialized” (or similar) is displayed at the command line after successful startup.

- 3 Load the new OC4J application by entering the following URL in a browser:

<http://<server>:<port>/<product>>

- server = name or IP address of the web server OC4J is running on
- port = port number set in default-web-site.xml above
- product = value of root in the web-app element of default-web-site.xml above



**Example:** <http://server:8388/rpm>



## Chapter 3 – Applying source code

If customizations have been made to RPM, the 10.1.4 source code can be compiled and applied to the application. Compile the .java source code included on this CD, then, place the generated .class files into the appropriate directory locations.

Before applying the patch source files over existing code:

- 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).

Back up the existing RPM class files before copying over the 10.1.4 class files in order to refer to them at a later date if necessary.