

# **Retek<sup>®</sup> Customer Order Management<sup>™</sup> 11.0.3.1**

## **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.

# Contents

<b>Chapter 1 – Introduction .....</b>	<b>1</b>
<b>Chapter 2 – RCOM Ear Installation .....</b>	<b>3</b>
Configuration of the build.properties file .....	3
Building and installing the ear.....	5



# Chapter 1 – Introduction

This document describes the steps necessary to install RCOM 11.0.3.1, a patch release that updates only the RCOM-RMM application. This is minor patch release to fix a specific performance issue. There are no database, RETL, RIB, or configuration changes associated with this patch.

This document assumes RCOM 11.0.3 has been successfully deployed to the target server and that this patch release is replacing that installed version of RCOM.





## Chapter 2 – RCOM Ear Installation

This section describes the steps necessary for compilation, packaging, and deployment of the RCOM ear.

In the follow documentation, \$RCOM\_INSTALL\_BASE is the directory on the AIX server where the rcom1103apppatch.zip installation file was extracted or the installation CD-ROM is mounted.

### Edit the RCOM and RMM Applications.properties files

#### Workstation Instructions

- 1 Copy rcom-gui.jar from \$RCOM\_INSTALL\_BASE/rcom-rmm-11\_0\_3\_1/package/rcom to a temporary directory on your workstation.
- 2 Extract the jar file with the following command:

```
jar xvf rcom-gui.jar
```



**Note:** Java 1.4.2 needs to be installed on your workstation



**Note:** You **must** use a text editor that can handle UTF16 characters with this editing step. Examples are WordPad (included with Windows) or UltraEdit (shareware). Edit the files Application.properties and com\retex\rmm\Application.properties. Update the HelpFileURL parameter with the alias for the location of each of the product's help files.



**Example:RCOM**

HelpFileURL=http://<server\_name>:<port>/rcomhelp/start.htm

**RMM**

HelpFileURL=http://<server\_name>:<port>/rmmhelp/start.htm

- 3 Re-jar rcom-gui.jar by removing the old jar file and running the following:  

```
jar cvf rcom-gui.jar *
```
- 4 Copy the edited rcom-gui.jar file back to \$RCOM\_INSTALL\_BASE/rcom-rmm-11\_0\_3\_1/package/rcom on the server to replace the existing file.

### Configuration of the build.properties file

- 1 Change directory to \$RCOM\_INSTALL\_BASE/rcom-rmm-11\_0\_3\_1/targets
- 2 Copy the file deploy.annotated-example.properties to deploy.properties, or use the deploy.properties file from the RCOM 11.0.3 installation.
- 3 If starting from the copied annotated example file, edit the following properties in the newly created deploy.properties file to fit your deployment environment:
  - **build.version** – The RCOM version number identifier (e.g. 11.0.3.1)
  - **build.id** – An additional single word identifier for the version of RCOM (e.g. WilliamsSonoma)
  - **build.flavor** – The plugin flavor to use for the deploy. This must be either Na, Mg, or ws (case sensitive).

- **ibmjre.url** – the URL for downloading the IBM JRE needed to run the client.
- **webstart.url** – the URL for downloading the Java WebStart installation.
- **web.client.url** - The fully qualified HTTP URL address to the web container where the RCOM application ear is deployed. (e.g. <http://mspdev35.retek.int:9080/rcom>)
- **deploy.instance.type** – This must be set to websphere.
- **server.node.name** - The name of the WebSphere node where the RCOM application will be deployed.
- **ldap.authenticationprovider.url** - Microsoft Active Directory 2000 LDAP settings for your network.(e.g.ldap://64.238.67.60:389/)
- **ldap.user.basedn** - Microsoft Active Directory 2000 LDAP settings for your network. (e.g. ou=RCOM,dc=rcomad,dc=local)
- **ldap.authenticationmode** - Microsoft Active Directory 2000 LDAP settings for you network. (e.g. simple)
- **ldap.batch.url** - Microsoft Active Directory 2000 LDAP settings for you network. (e.g. ldap://64.238.67.60:389/ )
- **deploy.server.hostname** - The fully qualified hostname of the WebSphere instance where the RCOM application ear will be installed. (e.g. mspdev35.retek.int)
- **deploy.server.jndi.port** - The JNDI TCP/IP port number of the server specified in deploy.server.hostname above. (e.g. 2809, which is the WebSphere default BOOTSTRAP\_ADDRESS port)
- **deploy.dir** – the deployment directory for the ear file. For WebSphere deploys, this is always set to ./buildutil
- **deploy.batch.dir** - The base directory where the RCOM batch scripts and client jars will be installed. (e.g. /opt/ibm/WebSphere/AppServer/batch)
- **deploy.websphere.home** - The WebSphere home directory. (e.g /opt/ibm/WebSphere/AppServer)
- **deploy.instance.home** - The home directory of WebSphere instance to install to. This will be the same as \$WAS\_HOME for single node installs. (e.g. /opt/ibm/WebSphere/AppServer)
- **rib.server.hostname** - The fully qualified hostname of the WebSphere instance running rib-rcom (See the RIB installation guide).
- **rib.server.jndi.port** - The Bootstrap port of the WebSphere instance running rib-rcom.

- 4 The necessary client files are included with the build and instructions are available in the Client Installation section. The base rcom url will contain links to allow users to download and install Java products. In order for the links to work, the following parameters need to be added to build.properties with the appropriate environment settings where the java components can be downloaded from:

```
# ibmjre.url is the URL for downloading the IBM JRE needed to run
the client

ibmjre.url=http://mspdev37:8180/dev/rcom_client_install/ibm-jre142-
win32.zip

# websphere.url is the URL for downloading the Java WebStart
installation # program needed to run the client

webstart.url=http://mspdev37:8180/dev/rcom_client_install/j2re-
1_4_2_03-windows-i586-p.exe
```

### Building and installing the ear

- 1 Using a web browser, log in to the WebSphere admin console on the target application server. Stop and uninstall the RCOM 11.0.3 application.
- 2 Change directory to \$RCOM\_INSTALL\_BASE/rcom-rmm-11\_0\_3\_1
- 3 Change file permissions by running

```
chmod -R 755 *.sh
```

and

```
chmod 755 buildutil/rcom-tools/jakarta-ant/bin/ant
```
- 4 Run the following:

```
sh deploy.sh deploy.properties deploy
```
- 5 At the end of a successful deployment process, you should see the following message displayed:

```
Completed deploy
```

If you see this message, the deploy was successful!