



eRez Imaging Server 5 for Mac OS X Frequently Asked Questions

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What was installed?

This folder contains a copy of Apache Tomcat 6.0 optimized for use with eRez and with the eRez pre-installed. For maximum security, performance and ease of use all Tomcat features not used by eRez have been disabled.

In addition a double clickable application “eRez Imaging Server 5” has been added to launch the eRez server as a standard Mac OS X application with a console window as well as script files for starting and stopping eRez as a faceless background service.

Can I make Tomcat listen on port 80 instead of port 8080?

Yes, you can configure Tomcat to listen on any port – but be aware that the standard web server port 80 might be already be in use by another web server (such as Apache) and that some ports including port 80 are privileged and requires “root privileges”.

To change the port number you must edit the file tomcat\conf\server.xml with a text editor. Simply replace the value “8080” with “80” in line number 4 and restart the eRez server.

After changing the port number you must change the “Public URL” found under System Settings in the eRez Management Console to reflect the new port number.

Can I run the server as a background Service?

Yes, the script files in the folder “Run in background” can be used to start and stop the server running as a faceless service.

How can I allocate more RAM memory to the server?

You can modify the amount of memory and other Java VM parameters used by the server by modifying the following files:

1) For the double clickable application you must ctrl-click on the application as choose "Show Package Contents". Next you must edit the file Info.plist in the contents folder using a text editor. The string to search for looks like this:

```
<key>VMOptions</key>  
<string>-Xms512M -Xmx1024M -server</string>
```

The amount of memory allocated to the Java VM is controlled by the two parameters: -Xms512M and -Xmx1024M

The "-Xms512M" sets the amount of memory allocated when the server is started to 512 Mb.

The "-Xmx1024M " limits the maximum memory used by the server to 1024 Mb.

To allocate 384 Mb initially and have a maximum of 768 Mb the setting should be:

```
-Xms384M -Xmx768M
```

2) For the "Run in background" Scripts you must edit the file Catalina.sh file in the folder file "Tomcat/bin.

You must change the value "JAVA_OPTS="-Xms512M -Xmx1024M"" found in line 40 in the same way as described above.

How can I integrate the server with the Apache Web Server ?

The Tomcat server has been prepared to accept AJP13 requests on port 8009, For more information please follow this link <http://tomcat.apache.org/connectors-doc/index.html>

Where is the configuration files located?

If you want to edit the configuration files manually instead of using the eRez Management Console you can find the XML configuration files used by in the folder "tomcat\webapps\erez\WEB-INF\config".

Which Java version should I use?

It is highly recommended that you use the latest Java version. At the time of writing the latest version from Apple is Java 6.

Can I make eRez start automatically when the system boots?

Yes. Please refer to [eRez Imaging Server Technical Note 050317 Creating an eRez Startup Item for Mac OS X Server](#).

Installing eRez on MacOS X Server

For information on installing the eRez Imaging Server on MacOS X Server please look at the installation tech notes.

<http://www.yawah.com/support/erez/installation/>