**Upgrading Cascade Server**

Select **one** of the methods below to upgrade Cascade Server:

**Method 1: *Windows (.EXE) or Windows (.JAR)***

Copy any custom plug-ins (Publish Triggers, Custom Authentication Modules, Asset Factory Plugins, Workflow Triggers) from the *\tomcat\webapps\ROOT\WEB-INF\lib* directory into a temporary location.

Double-click the **cascade-{version}-win.exe** or **cascade-{version}-win.jar file** to begin the installation.

Alternatively, the JAR package can be run by executing the following (from a command line):

java -jar cascade-{VERSION}-win.jar

**Step 1: Cascade Server Readme**

* Read the statement
* Check the box labeled **I have read and understand the preceding statement**
* Click **Next**

**Step 2: Select Installation Type**

* Select **Upgrade from Cascade 5.5 or later**.  Choosing this option will instruct the installer to perform an upgrade of an existing Cascade Server installation.
* Click **Next.**

**Step 3: Cascade Configuration**

* Fill in (or browse to) the **Cascade installation directory**.  If the current installation directory is selected, the installer will upgrade the instance at that location.  Otherwise, the application will be installed to the new location specified in this field.  If upgrading to a new location, click the *Browse* button next to the **Migrate settings from a previous Cascade installation directory** field and provide the location of the old installation (ex. *C:\Program Files\Cascade Server*).  This will ensure that all of the necessary configuration files are copied from the old instance to the new location.
* In the **Run Cascade Server on port** field, enter the port on which Cascade Server will be accessed.  The default port is 8080.
* Fill in the **Maximum amount of memory Cascade can use (in MB)** field. The default setting is 512.
* Choose whether or not to **Start Cascade Server Automatically on boot**. Selecting this option will install Cascade Server as a Windows Service.
* Click **Next.**

**Step 4: Cascade Database Configuration**

(skipped during the Upgrade process)

**Step 5: Cascade Server License Agreement**

* Read the License Agreement.
* Select **I accept the terms of this license agreement** (selecting **I do not accept the terms of this license agreement** will halt the installation).
* Click **Next.**

**Step 6: Installation**

* Wait for **Pack installation progress** bar to display **[Finished]** and **Overall installation progress** to display **1/1.**
* Click **Quit.**

Start the Cascade Server process and wait until the login screen can be reached via a browser.  Stop Cascade Server once again, then copy all custom plug-ins (Publish Triggers, Custom Authentication Modules, Asset Factory Plugins, Workflow Triggers) from the temporary storage location back into *\tomcat\webapps\ROOT\WEB-INF\lib*. Start Cascade Server, then log in to verify that it has been upgraded by visiting *Help->About*.

**Method 2: *ROOT.war***

* Stop Cascade Server.
* Copy any custom plug-ins (Publish Triggers, Custom Authentication Modules, Asset Factory Plugins, Workflow Triggers) from the *\tomcat\webapps\ROOT\WEB-INF\lib* directory into a temporary location.
* Delete the following files/folders:
  + *\tomcat\webapps\ROOT*
  + *\tomcat\webapps\ROOT.war*
  + *\tomcat\work*
* Delete all files within the *\tomcat\temp* directory
* Place the new *ROOT.war* file into the *\tomcat\webapps* directory
* Verify that the -XX:MaxPermSize variable is set to 192M as mentioned below.

**[ Windows (command line)**

* Stop Cascade Server
* Edit the file **cascade.bat** (found in the Cascade root directory)
* Modify the **-XX:MaxPermSize** parameters on line 3:

1. set JAVA\_OPTS=-Xmx768M -XX:MaxPe
2. rmSize=192m -Djava.awt.headless=true -Dfile.encoding=UTF-8



For example, the line above sets the MaxPermSize to 192M.

* Restart Cascade Server **]**
* Start the Cascade Server process and wait until the login screen can be reached via a browser.
* Stop Cascade Server once again, then copy all custom plug-ins (Publish Triggers, Custom Authentication Modules, Asset Factory Plugins, Workflow Triggers) from the temporary storage location back into *\tomcat\webapps\ROOT\WEB-INF\lib*.
* Start Cascade Server.
* Log in to verify that the software has been upgraded by visiting *Help->About*.