

How to install Magnolia on Tomcat 5.5 running on Debian



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The instructions in the official documentation at [Administration - installation - WAR - Tomcat](#) do not work on Debian Lenny. Follow the steps below to install Magnolia on Tomcat running on Debian.

Deploy WAR

To deploy the `.war` file:

1. Stop Tomcat.
2. Edit `../init.d/tomcat5.5` by:
 - Turning off Tomcat security. If you omit this step Magnolia will not deploy. Find `TOMCAT6_SECURITY=yes` in the file and replace it with `TOMCAT6_SECURITY=no`.
 - Adapting the JVM Heap size to at least 512MB (e.g. `JAVA_OPTS="-Xms512m -Xmx512m"`). Find the following:

```
if [ -z "$JAVA_OPTS" ]; then
    JAVA_OPTS="-Djava.awt.headless=true -Xmx128M"
fi
```

And replace it with:

```
if [ -z "$JAVA_OPTS" ]; then
    JAVA_OPTS="-Djava.awt.headless=true -Xmx512M -Xms512M"
fi
```

3 Copy the Magnolia `.war` file into the Tomcat `/webapps` folder. In the standard setup this is at `/usr/share/tomcat6.X/webapps/`.

4 Restart Tomcat and wait for the process to complete, i.e. until Tomcat completely restarted.

Remove `.war` file and restart Tomcat

1. Stop Tomcat.
2. Remove the Magnolia `.war` file from the Tomcat `/webapps`, but do not touch the extracted Magnolia Tomcat `/webapps` folder.
3. Restart Tomcat.

Launch Magnolia

1. To complete the setup, launch Magnolia AdminCentral, by pointing your browser to e.g <http://localhost:8080/magnoliaAuthor>.
2. After WAR deployment you can reset default heap size that was changed in [#DeployWAR](#) above.

Please also see [Too many open files issue](#) if you are running Magnolia on Linux with a file-based database.