
Installing Apache Tomcat and Cocoon 2 under FreeBSD

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This document describes how to install [The Jakarta Project's Apache Tomcat](#) and [The Apache XML Project's Cocoon 2](#) under **FreeBSD**. These instructions were tested using **Tomcat 4.1.12**, **Cocoon 2.0.3** and **FreeBSD 4.7-PRERELEASE**, though there should be minimal differences with other versions of the software. Instructions for installing the original **Cocoon 1** application under the [Apache JServ](#) servlet container can be found [elsewhere](#).

1. Installing Apache Tomcat

Installing **Apache Tomcat** requires nothing more than building the port. As the **root** user, execute the following:

```
# cd /usr/ports/www/jakarta-tomcat41/  
# make  
# make install
```

Complete the next section before starting up **Tomcat**.

2. Installing Cocoon 2

There is currently no port for **Cocoon 2**, so installation must be performed manually. Fortunately, using the binary package provided by The Apache XML Project makes this fairly simple. As the **root** user, execute the following:

```
# cd /usr/local  
# mkdir cocoon  
# cd cocoon  
# fetch http://xml.apache.org/cocoon/dist/cocoon-2.0.3-bin.tar.gz  
# gunzip cocoon-2.0.3-bin.tar.gz  
# cd cocoon-2.0.3  
# cp cocoon.war /usr/local/jakarta-tomcat4.1/webapps
```

If **Tomcat** had not been previously installed, and it was installed as described above, you may need to log out and log back in again as **root** in order for **tomcat41ctl** to be found in your search path. Then execute:

```
# tomcat41ctl start
```

3. Testing the installations

At this point, test both installations:

```
# lynx http://localhost:8080/
```

The front page of the new **Tomcat** installation should be displayed. The following should display the front page of the new **Cocoon 2** installation:

```
# lynx http://localhost:8080/cocoon/
```