

Installing DSpace on Debian testing

Installing DSpace on Debian/testing Linux

You can use the Debian Packages for tomcat, postgres, and ant just fine. To get Java up and running, use the Debian package "java-package".

Download the java sdk from sun as usual, e.g., `j2sdk-1_4_2_07-linux-i586.bin` and do:

```
apt-get install fakeroot java-package
fakeroot make-jpkg j2sdk-1_4_2_07-linux-i586.bin
sudo dpkg -i sun-j2sdk1.4_1.4.2+07_i386.deb
apt-get install tomcat4 tomcat4-admin postgresql ant
```

This will install all necessary dependencies (a lot!) automatically. You can deinstall fakeroot and java-package; they are no longer needed.

There are three gotchas:

1. Edit `/etc/default/tomcat4` to point to your java installation, e.g., `/usr/lib/j2sdk1.4-sun`.
2. Edit `/etc/default/tomcat4` and set `TOMCAT4_SECURITY=no`, as tomcat has no access to `dspace/config/dspace.cfg` with enabled java security manager and will fail at loading dspace. Or if you are using Debian with Tomcat 5 you should edit `/etc/init.d/tomcat5` with `TOMCAT5_SECURITY=no`.
3. Edit `/etc/tomcat4/server.xml` and comment the reference to `tomcat-doc`, unless you install `tomcat4-webapps`, too:

```
<!--Context path="/tomcat-docs" docase="tomcat-docs" debug="0">
<resources className="org.apache.naming.resources.FileDirContext"
allowLinking="true" />
</Context-->
```

Now you can install DSpace as usual, following the [DSpace System Documentation](#).