

## Notes for DSpace on the Gentoo Linux Distribution: 2003-04-02

These notes are meant to be read alongside of the operation.html document.

1. Install tomcat 4.1.24 and then add:

```
<Context path="/dspace" docBase="dspace" debug="0">
  <Resources className="org.apache.naming.resources.FileDirContext"
    allowLinking="true" docBase="" />
</Context>
<Context path="/dspace-oai" docBase="dspace-oai" debug="0">
  <Resources className="org.apache.naming.resources.FileDirContext"
    allowLinking="true" docBase="" />
</Context>
```

to tomcat/conf/server.xml between the <Host> tags. for a /dspace & /dspace-oai installation under tomcat.

1. Created dspace user as per step

2. Make directory /var/lib/postgresql and run initdb as postgres and added -i to PGOPTS in /etc/conf.d/postgresql

```
# /etc/init.d/postgresql start
```

```
# createuser -U postgres -d -A -P dspace
```

```
# createdb -U dspace dspace
```

3. Edit dspace.cfg using /usr/local/dspace as my install directory, careful not to mess up jdbc path with an overzealous search and replace.

4. copy jars into dspace-1.0.1/lib/

```
$ cp /usr/share/tomcat/lib/activation.jar dspace-1.0.1/lib/
```

```
$ cp /usr/share/tomcat/lib/servlet.jar dspace-1.0.1/lib/
```

```
$ cp /usr/share/tomcat/lib/mail.jar dspace-1.0.1/lib/
```

```
run ant
```

6. make actual /usr/local/dspace directory and chown dspace:dspace it. Then run ant fresh\_install as dspace user

Please send any comments to the dspace-tech list or Rich Seymour, rjs51@columbia.edu.