

# WebDAV Servers

## 0.1 Documentation

by Michael Wechner

## 1. Apache 1

Download the Apache Web Server and WebDAV module source code from the Apache website, e.g. `apache_1.3.24.tar.gz` and `mod_dav-1.0.3-1.3.6.tar.gz`. Configure and compile `mod_dav`:

```
wget http://www.webdav.org/mod_dav/mod_dav-1.0.3-1.3.6.tar.gz
cd /home/michiii/src/mod_dav-1.0.3-1.3.6
./configure --with-apache=/home/michiii/src/apache_1.3.24
make
make install
cd /home/michiii/src/apache_1.3.24
find . -name "*dav*" -print
./configure --prefix=/usr/local/apache --activate-module=src/modules/dav/libdav.a
(./configure --prefix=/usr/local/apache --enable-module=proxy --activate-module=src/mod
make
su
make install
/usr/local/apache/bin/httpd -l
```

You need to reconfigure `httpd.conf`, e.g.:

```
DAVLockDB /home/michiii/build/apache/logs/DavLock
<Directory "/home/michiii/build/apache/htdocs">
Dav On
```

To see the files open "Konqueror" and type `webdav://127.0.0.1:8080`.

More info on `mod_dav` can be found at

- [http://www.webdav.org/mod\\_dav/](http://www.webdav.org/mod_dav/)
- [Apache and DAV with LDAP and SSL](#)

## 2. Apache 2

Download the Apache Web Server source code from the Apache website, e.g. `httpd-2.0.46.tar.gz`. The `mod_dav` module is included with the Apache 2 distribution. Configure and compile Apache:

```
./configure --prefix=/home/michiii/build/apache2 --with-dav --enable-dav
make
make install
/home/michiii/build/apache2/bin/httpd -l | grep dav
```

You need to reconfigure Apache:

```
DAVLockDB /home/michiii/build/apache2/logs/DavLock
<Directory "/home/michiii/build/apache2/htdocs">
  Dav On
</Directory>
```

More info on `mod_dav` can be found at

- <http://apacheworld.org/ty24/site.chapter13.html>
- [http://httpd.apache.org/docs-2.0/mod/mod\\_dav.html](http://httpd.apache.org/docs-2.0/mod/mod_dav.html)
- [Apache and DAV](#)

### 3. Tomcat

Point your WebDAV client to `http://127.0.0.1:8080/webdav/`. The `webdav` context is DAV enabled, but has been set up in read-only mode for safety reasons. It can be put in read-write mode by editing the web application descriptor file `/webapps/webdav/WEB-INF/web.xml`.

```
<!-- Uncomment this to enable read and write access -->
<init-param>
  <param-name>readonly</param-name>
  <param-value>false</param-value>
</init-param>
```

### 4. Apache Jakarta Slide

Point your WebDAV client to `http://127.0.0.1:8080/slide/`. One needs to configure `Domain.xml`

```
<contentstore classname="slidestore.reference.FileContentStore">  
  <parameter name="rootpath">/home/michiii/build/jakarta-tomcat-4.1.21-LE-jdk14/webapps  
  ...
```

## 5. Monitoring the WebDAV exchange

```
cd /home/michiii/build/axis-1_1RC2  
java -cp lib/axis.jar org.apache.axis.utils.tcpmon
```

Enter "Listen Port# 3333" for instance

Select "Act as a... Listener"

Enter "Target Hostname 195.226.6.70" for instance

Enter "Target Port# 8080" for instance

Click "Add" and a new tab saying "3333" should show up

Click on this new tab to view the requests and responses

Enter within your browser "http://127.0.0.1:3333/lenya/index.html"