Manually Install mod_jk into Apache Web Server

In Ubuntu, using apt-get to install mod_jk is really easy. However, sometimes I need to do this with alternative operating systems such as Solaris.

For this manual process, where possible I try to follow the conventions established by the Ubuntu community.

Obtain mod_jk

If you are not using Ubuntu apt-get or simply want to use the newest mod_jk you can to the Apache Tomcat site. The version we want for the Slice server is as follows,

* Binary version
* Linux
* x86_64
* httpd-2.2.X

For our configuration we would be downloading, **mod_jk-1.2.28-httpd-2.2.X.so** and dropping it into the apache modules folder,

```
sudo mv mod_jk-1.2.28-httpd-2.2.X.so /usr/lib/apache2/modules/ # Make the
module available to Apache2
```

Load mod_jk into Apache

To load mod_jk into Apache we must perform the following.

Create jk.load

Create mod_jk.load also in **/etc/apache2/mods-available**,

```
LoadModule jk_module /usr/lib/apache2/modules/mod_jk-1.2.28-httpd-2.2.X.so
```

Create the corresponding .conf and .load files in **/etc/apache2/mods-available**.

There are still a few more steps. Go back and continue reading from Enable mod_jk of Apache Tomcat Connector.

References

Comparison against mod_proxy_http and mod_proxy_ajp - http://www.tomcatexpert.com/blog/2010/06/16/deciding-between-modjk-modproxyhttp-and-modproxyajp