

Compiling the HTTP adaptor on Linux

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If no pre-built binaries exist for your platform or your version of Apache httpd, follow those instructions:

Get the source of the module (adaptor) from Wonder. You only need the Adaptors (and its subfolders) folder.

```
wget https://github.com/wocommunity/wonder/tarball/master
OR
curl -C - -O https://github.com/wocommunity/wonder/tarball/master
```

Edit *make.config* and change the value of *ADAPTOR_OS* to *LINUX*. (this can be found in Adaptors directory (JS)) (Adaptors directory is now under %
PATH_OF_UNZIPPED_SOURCE%/Utilities)

If using modern Ubuntu (and OpenSuse 11.1 too) releases, you'll find that *random* is missing, so as mentioned on the list (JL) :

At line 46 in Adaptor/random.c, just remove the check for WIN32, and use the initialisation code in that block. That is, change this:

```
#if defined(WIN32)
    time_t now;
    time(&now);
    srand(now);
#else
    srandomdev();
#endif
```

to this:

```
time_t now;
time(&now);
srand(now);
```

Go to the ApacheXX folder that match your Apache version. In my case, I'm using Apache 2.2 built from source and installed in */usr/local/apache*.

In another case I ran 'make CC=gcc' in the Adaptors directory then moved to the Apache2.2 directory. (JS)

```
[root@ Adaptors]# make CC=gcc
[root@ Adaptors]# cd Apache2.2/
[root@ Apache2.2]# apxs -i -a -n WebObjects mod_WebObjects.la
[root@ Apache2.2]# cp -rp /opt/Local/Library/WebServer/Documents/WebObjects /usr/local/apache/htdocs
[root@ Apache2.2]# cp apache.conf /usr/local/apache/conf/extra/webobjects.conf
```

In OpenSuse 11.1, using Yast, you need to install the *apache_devel*, in order to get *apxs2*. I needed to create a symlink called *apxs*, pointing to *apxs2*, in order to run the make correctly.

```
ln -s /usr/sbin/apxs2 /usr/sbin/apxs
```