

Install mod_python on Mac OS X

admin · Thursday, February 26th, 2009

This is not my article, i copied it from [here](#) for safe keeping.

First, you'll need to [grab the source](#) to mod_python. I recommend version 3.3.1, which is what I've worked with. Then, you'll need to unpack it:

```
$ tar xvzf mod_python-3.3.1.tar
$ cd mod_python-3.3.1$ ./configure --with-apxs=/usr/sbin/apxs
```

At that point, the configuration script will spit out a lot of things that you shouldn't really care much about. Just make sure at the end it spits out a bunch of things about creating Makefiles. From there comes the normal sequence of events with most open source software:

```
$ make$ sudo make install
```

The last requires the `sudo` command because it installs a bunch of pieces in privileged areas. Never run as root; always use `sudo` for your administrative needs. Finally, you need to add the module to your `httpd.conf` file, which is located in the `/etc/apache2/` directory, after making a back-up of course.

```
$ cd /etc/apache2
$ sudo cp httpd.conf httpd.conf.orig$ sudo vi /etc/apache2/httpd.conf
```

Then, scroll down to where you'll find all the `LoadModule` commands, and add another line:

```
LoadModule python_module /usr/libexec/apache2/mod_python.so
```

Now all that's left is to reload Apache to make sure it loads the module for you:

```
$ sudo /usr/sbin/apachectl restart
```

At that point, you're ready to proceed. The best place to start is the [mod_python documentation](#), specifically the [section on testing](#).

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2 response to "Install mod_python on Mac OS X"

1.) [Wylie van den Akker](#) says:

January 23rd, 2010 at 11:51 pm

See https://bugzilla.redhat.com/show_bug.cgi?id=465246 for a patch to fix the following make error on Snow Leopard macs running apr-util 1.3.4 (like mine =)

[code]

```
connobject.c:142: error: request for member 'next' in something not a structure or union
```

```
apxs:Error: Command failed with rc=65536
```

2.) [Cem](#) says:

March 25th, 2010 at 3:11 pm

1. Add `-arch x86_64 -arch ppc -arch i386` at the end of `LDFLAGS` variable

2. Add `-arch x86_64 -arch ppc -arch i386` at the end of `CFLAGS` variable

3. Modify `mod_python.so` objective as follows:

```
Add -Wc,-arch x86_64? -Wc,-arch ppc? -Wc,-arch i386? after the -c
```

```
In my situation: $(APXS) $(INCLUDES) -c -Wc,-arch x86_64? -Wc,-arch ppc? -Wc,-arch i386? $(SRCS) $(LDFLAGS) $(LIBS)
```

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