Downloading and compiling

$ cd /opt

$ sudo wget https://github.com/GrahamDumpleton/mod\_wsgi/archive/4.9.4.tar.gz

1. Unpack the tar:

$ sudo tar -xzf 4.9.4.tar.gz mod\_wsgi-4.9.4/

### Configure Make file

1. Change into the unpacked directory:

$ cd mod\_wsgi-4.9.4/

1. Complete a “test” run of the **configure** script to so you can debug any errors:

$ sudo ./configure

If apxs or apxs2 is missing, install it using **sudo apt install apache2-dev**

Ensure all the information are correct.

If Python is not pointing to the correct version, using the following

$ sudo ./configure --with-python=python3

1. IF no error, then it is ready to compile

$ sudo make

1. We finish the process by installing mod\_wsgi to our apache2 installation:

$ sudo make install

### Configure Apache2

Finally, we need to configure apache2 correctly to load the mod\_wsgi module. There are 2 ways we can do this:

1. The “lazy way”:  
   Add the following to the end of the apache2.conf file:  
   (located: “**/etc/apache2/apache2.conf**“)

LoadModule wsgi\_module /usr/lib/apache2/modules/mod\_wsgi.so

Restart Apache2:

$ sudo systemctl restart apache2

If apache2 restarts without errors, you have successfully installed and loaded mod\_wsgi!

1. The “proper” way:  
   Navigate to “**/etc/apache2/mods-available**“Create “mod\_wsgi.conf”:

$ sudo touch mod\_wsgi.conf

Add the following to” mod\_wsgi.conf”:

<IfModule mod\_wsgi.c>

</IfModule>

For further information about the configuration options that can be included in “mod\_wsgi.conf”, refer to docs : <https://modwsgi.readthedocs.io/en/develop/configuration.html>

Create “mod\_wsgi.load”:

$ sudo touch mod\_wsgi.load

Add the following to “mod\_wsgi.load”:

LoadModule wsgi\_module /usr/lib/apache2/modules/mod\_wsgi.so

Activate module in Apache and follow onscreen instructions:

$ sudo a2enmod mod\_wsgi

If apache2 restarts without errors, you have successfully installed and loaded mod\_wsgi!