

Web Server setup

Download and install Apache	example
download apache from repository	<code>sudo apt-get install apache2 -y</code>
Download and install PHP	example
download php from repository. Debian repository only has php5	<code>sudo apt-get install php5 libapache2-mod-php5 -y</code>
alternative - custom build	see https://www.howtoforge.com/tutorial/install-php-7-on-debian-8-jessie/
alternative - custom repository provider (secure?)	see https://www.symfony.fi/entry/install-php-7-on-raspbian-raspberry-pi
download any needed extra modules (e.g. zip, and postgres)	<code>sudo apt-get install php5-postgresql</code>
open new terminal window	this refreshes access to system services including newly installed php
Change php file limits > 8MB	example
find location of php config file in use by looking at php info	<code>php -i</code> note: if run in terminal will show you command line (cli) version. need to change the apache version in nearby folder.
edit config file to accept larger files	<code>post_max_size = 8M</code> <code>post_max_size = 32M</code>
restart apache	<code>sudo apachectl restart</code>