

# Hosting more than one website on the same Apache2 Server

Setting up Apache2 to host a single website is fairly straightforward. However sometimes it is required to host 2 or more sites from a single Apache2 server, and for this a little extra configuration is required.

In the folder **/etc/apache2** there is a file called **apache2.conf**. We need to edit this file.

```
sudo nano /etc/apacde2.conf
```

In the **apache2.conf** look for the section that points to the default site (which is normally **/var/www**)

```
<Directory /var/www/>
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

We need to copy and paste this section for each site we wish to create.

In this example we will have two websites, **site one** and **site2**, and they are located in the following place:

**/home/pi/site1**

**/home/pi/site2**

So we need to add two sections to the **/etc/apache2.conf**

```
<Directory /home/pi/site1/>
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

```
<Directory /home/pi/site2/>
    Options Indexes FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

Save this file and exit back to the command line.

now we need to navigate to the folder **/etc/apache2/sites-enabled** and edit the file **000-default.conf**

```
sudo /etc/apache2/sites-enabled/000-default.conf
```

Use the hash **#** to comment out every line

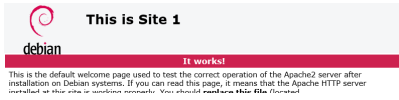
Now add the following:

```
<VirtualHost *:80>
    ServerAdmin al@nwalker.co.uk
    ServerName site1.alanwalker.eu --- (this has to match the url of your website)
    DocumentRoot /home/pi/site1 --- (this is where your website is physically in linux)
    DirectoryIndex index.html --- (this is the first page of your website)
</VirtualHost>
<VirtualHost *:80>
    ServerAdmin al@nwalker.co.uk
    ServerName site2.alanwalker.eu --- (this has to match the url of your website)
    DocumentRoot /home/pi/site2 --- (this is where your website is physically in linux)
    DirectoryIndex index.html --- (this is the first page of your website)
</VirtualHost>
```

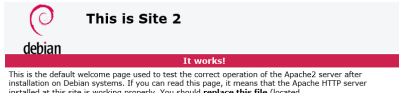
Don't forget to restart the apache web server:

```
sudo /etc/init.d/apache2 restart
```

Now if I navigate to site1.alanwalker.eu I get:



If I navigate to site.alanwalker.eu I get:



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