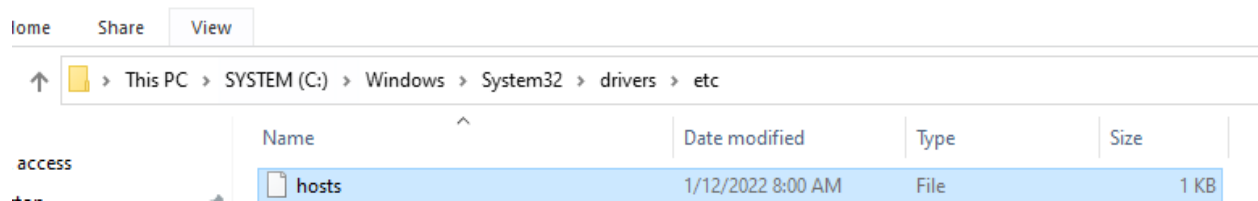


How To Set Up Apache Virtual Hosts

-You need to do several steps in order to make this work.

1. Update hosts file

Open the system hosts file, generally found at c:\WINDOWS\system32\drivers\etc\hosts in a text editor.



And then , You will find the following line in it.

```
127.0.0.1      localhost
```

```
$ hosts  X
C: > Windows > System32 > drivers > etc > $ hosts
17  #       38.25.63.10    x.acme.com           # x client host
18
19  # localhost name resolution is handled within DNS itself.
20  #   127.0.0.1      localhost
21  #   ::1            localhost
22
23
```

Add the following lines below it

```
127.0.0.1      example.test
```

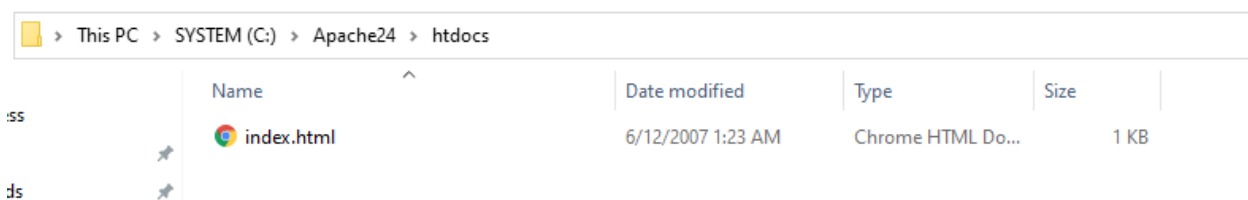
You need to add 1 line for every domain that you want to host on your server. See the following

```
$ hosts
C: > Windows > System32 > drivers > etc > $ hosts

17 #       38.25.63.10       x.acme.com       # x client host
18
19 # localhost name resolution is handled within DNS itself.
20 # 127.0.0.1       localhost
21 | 127.0.0.1       example.test
22 # ::1           localhost
23
24
```

2 . Create Folders For Domains

Next, create separate folders, 1 for each domain in your Apache document root location C:/Apache24/htdocs.



If you are using XAMPP then you need to create these folders at C:/xampp/htdocs instead.

3. Update Virtual Hosts in Apache Configuration

Open virtual host configuration file located at `apache\conf\extra\httpd-vhosts.conf` in a text editor.

> This PC > SYSTEM (C:) > Apache24 > conf > extra

Name	Date modified	Type	Size
✖ httpd-autoindex.conf	9/12/2021 2:57 PM	CONF File	3 KB
✖ httpd-dav.conf	9/12/2021 2:57 PM	CONF File	2 KB
✖ httpd-default.conf	9/12/2021 2:57 PM	CONF File	3 KB
✖ httpd-info.conf	9/12/2021 2:57 PM	CONF File	2 KB
✖ httpd-languages.conf	9/12/2021 2:57 PM	CONF File	6 KB
✖ httpd-manual.conf	9/12/2021 2:57 PM	CONF File	2 KB
✖ httpd-mpm.conf	9/12/2021 2:57 PM	CONF File	5 KB
✖ httpd-multilang-errordoc.conf	9/12/2021 2:57 PM	CONF File	3 KB
✖ httpd-ssl.conf	9/12/2021 2:57 PM	CONF File	14 KB
✖ httpd-userdir.conf	9/12/2021 2:57 PM	CONF File	1 KB
✖ httpd-vhosts.conf	1/12/2022 1:43 PM	CONF File	2 KB
✖ proxy-html.conf	9/12/2021 2:57 PM	CONF File	4 KB

And then Add the following *Virtual Host* tag for domain.

```

C: > Apache24 > conf > extra > httpd-vhosts.conf
24 <VirtualHost *:80>
25     DocumentRoot C:/Apache24/htdocs/index
26     ServerName example.test
27 </VirtualHost>
28

```

- DocumentRoot is your project folder path .
See the following Sample for Laravel project with Apache Virtual Host

```

C: > Apache24 > conf > extra > httpd-vhosts.conf
28
29
30 Listen 8001
31 <VirtualHost example.test:8001>
32     DocumentRoot "D:/laravel/public"
33     ServerName example.test
34     <Directory "D:/laravel/public">
35         DirectoryIndex index.php
36         AllowOverride All
37         Options Indexes FollowSymLinks
38         Require all granted
39     </Directory>
40 </VirtualHost>
41

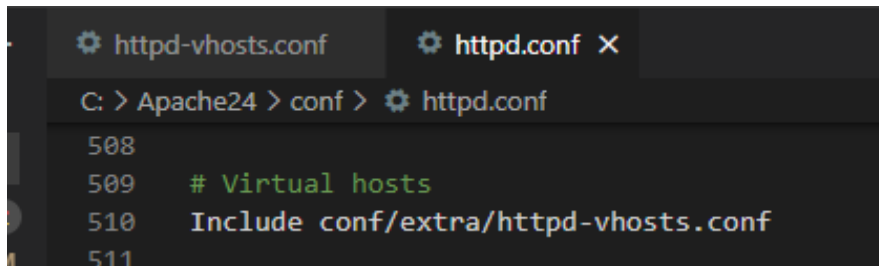
```

Listen is used for new port number creation. You can use default port number 80.

4. Check Configuration File

Uncomment the following line in it by removing # at its beginning.

Conf path - C:\Apache24\conf\httpd.conf

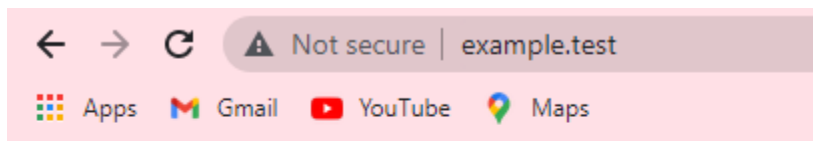


```
508
509 # Virtual hosts
510 Include conf/extra/httpd-vhosts.conf
511
```

5 . Final Step

Restart the Apache in Service.

**** Now you can run with virtual host with Apache.****



It works!