

P3 USUAL DIRECTORIES AND ERROR CODES

We'll change default directory so it isn't "/var/www/html";

For that we'll need to:

Create our user folder

```
mkdir /home/pau/html/
```

Once the folder is initiated we'll need to tell apache system where it is

```
ServerAdmin webmaster@localhost
DocumentRoot /home/pau/html
<Directory /home/pau/html>
    #AllowOverride all
    Require all granted
    #Deny from all
    #Order allow,deny
</Directory>
```

After that we'll give permissions and simply reset apache system.

```
sudo systemctl restart apache2_
```

Then we will have to select how to display these two errors, (403/404):

First, we'll move our log folders from `var/log/apache2` to our user folder

```
ls -la /home/pau/html/log/
Dec  1 13:30 .
Dec  6 17:37 ..
Dec  1 13:27 acces.log
Dec  6 17:15 access.log
Dec  5 13:27 error.log
```

Then of course give the folder permissions

```
chmod 755 /home/pau/html
```

Second, telling the system where are the logs.

```
ErrorLog /home/pau/html/log/error.log
CustomLog /home/pau/html/log/access.log combined
```

And specify the two errors two

```
LogFormat "%h %t %>s %b"
ErrorDocument 403 "deny access"
ErrorDocument 404 /404.html
```

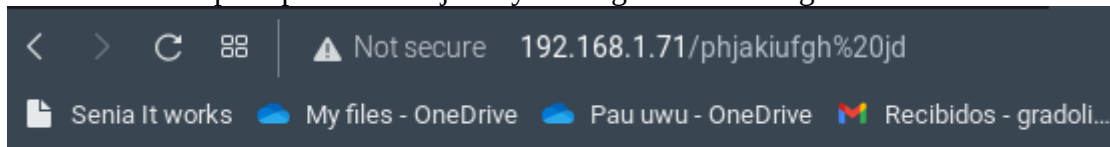
And we'll have to generate error 404.html on user folder for it to detect

```
root@ZeltonCoul:/etc/apache2# ls -la /home/pau/html/
total 24
drwxrwxrwx  3 root root 4096 Dec  6 17:37 .
drwxr-xr-x 18 pau  pau  4096 Nov 30 13:23 ..
-rwxrwxrwx  1 root root   36 Dec  5 13:45 404.html
-rwxrwxrwx  1 root root  263 Nov 30 13:27 index.html
drwxrwxrwx  2 root root 4096 Dec  1 13:30 log
-rwxrwxrwx  1 root root  263 Nov 30 13:27 pau.html
```

404.html can have whatever you want

And finally we'll test these errors by simulating.

As to prompt error 404 just by writing a non existing route will do

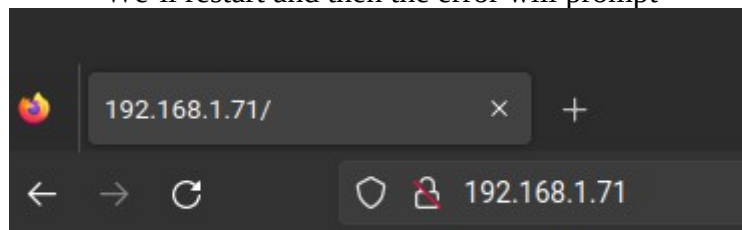


this is 404 error

Then prompting 403 is also easy, we can erase permissions or change a few lines in .conf

```
<Directory /home/pau/html>
  AllowOverride all
  #Require all granted
  Deny from all
  Order allow,deny
</Directory>
```

We'll restart and then the error will prompt



deny access

Also, make sure to erase browser cache to see changes.