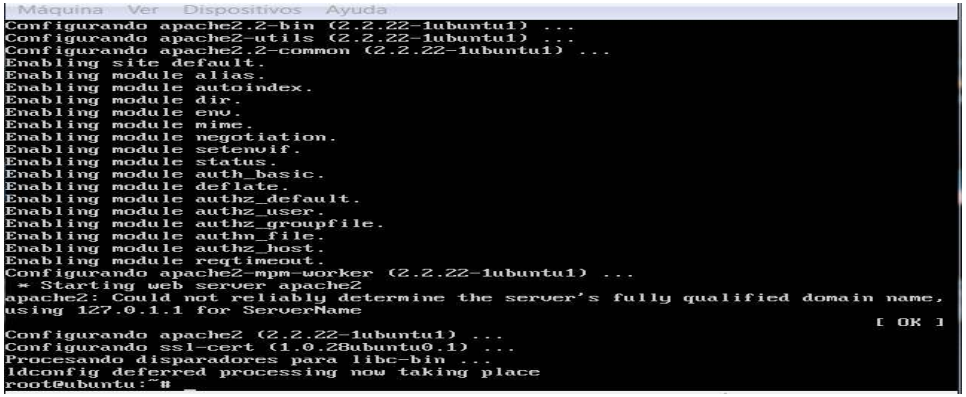
Instalación Apache en Linux

Instalación Apache



- Actualizar los paquetes de Apache:

  apt-get update
- Instalar apache

  apt-get install apache2
- Comprobad que está funcionando:

  ps aux|grep apache2

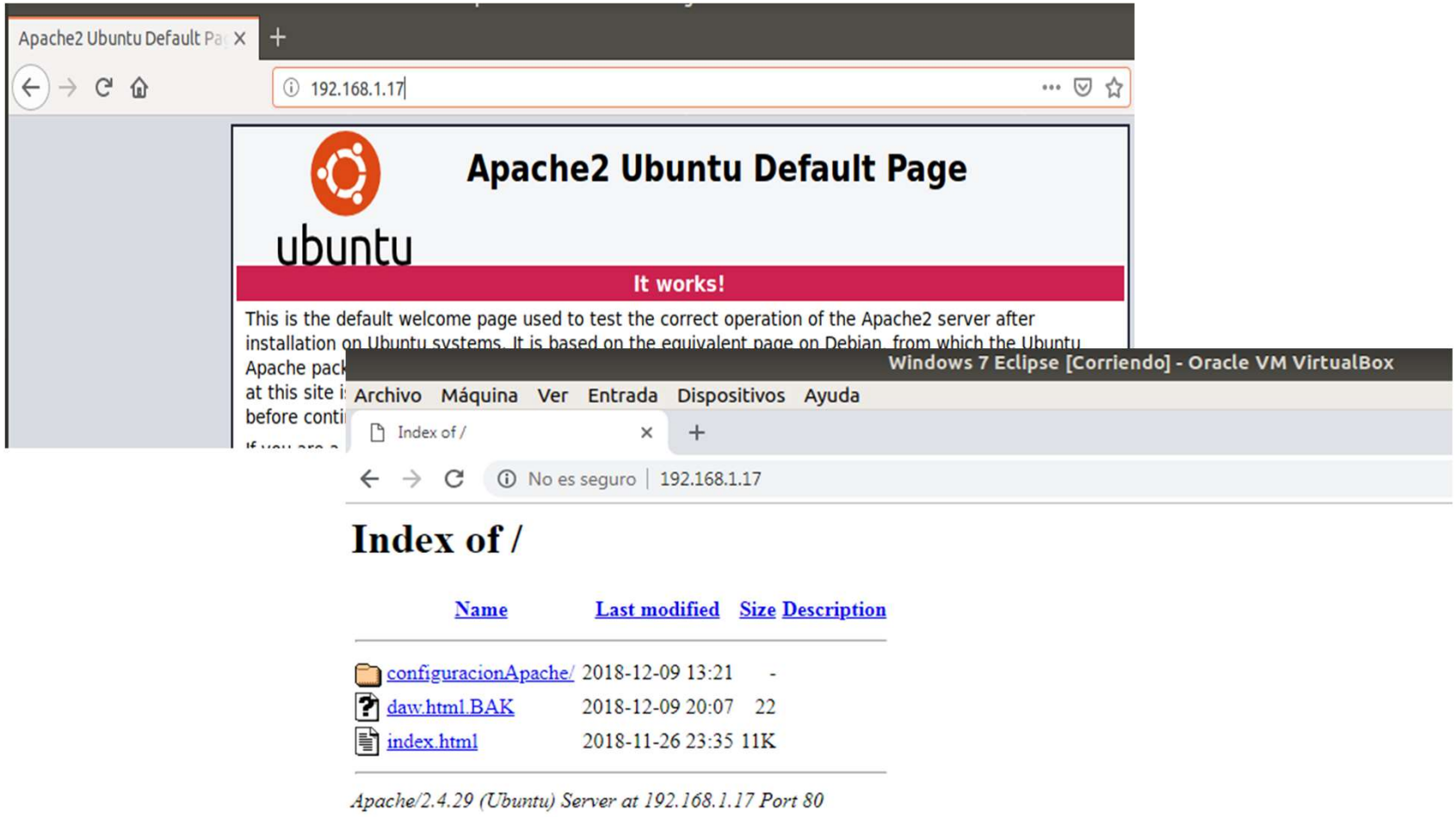
  netstat -nlt

Apache funcionando …

```
usuario@ubuntuserver01:/etc/apache2$ ps aux|grep apache
root        3183  0.0  0.4  78192  5020 ?        Ss   nov26   0:00 /usr/sbin/apache2 -k start
www-data    3186  0.0  0.4 830488  4752 ?        Sl   nov26   0:00 /usr/sbin/apache2 -k start
www-data    3187  0.0  0.5 830632  5452 ?        Sl   nov26   0:00 /usr/sbin/apache2 -k start
usuario     3490  0.0  0.0  13136  1004 tty1     S+   00:01   0:00 grep --color=auto apache
usuario@ubuntuserver01:/etc/apache2$ _
```

```
usuario@ubuntuserver01:/etc/apache2$ netstat -nlt
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 192.168.1.60:53         0.0.0.0:*               LISTEN
tcp        0      0 192.168.1.17:53         0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.1:53            0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.53:53           0.0.0.0:*               LISTEN
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.1:953           0.0.0.0:*               LISTEN
tcp6       0      0 :::21                   :::*                    LISTEN
tcp6       0      0 :::22                   :::*                    LISTEN
tcp6       0      0 :::80                   :::*                    LISTEN
usuario@ubuntuserver01:/etc/apache2$ _
```

Apache funcionando …



Prueba desde el propio sistema

```
usuario@ubuntuserver01:/etc/apache2$ systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
  Drop-In: /lib/systemd/system/apache2.service.d
           └─apache2-systemd.conf
   Active: active (running) since Mon 2018-11-26 23:35:59 UTC; 25min ago
 Main PID: 3183 (apache2)
    Tasks: 55 (limit: 1110)
   CGroup: /system.slice/apache2.service
           ├─3183 /usr/sbin/apache2 -k start
           ├─3186 /usr/sbin/apache2 -k start
           └─3187 /usr/sbin/apache2 -k start

nov 26 23:35:59 ubuntuserver01 systemd[1]: Starting The Apache HTTP Server...
nov 26 23:35:59 ubuntuserver01 systemd[1]: Started The Apache HTTP Server.
```

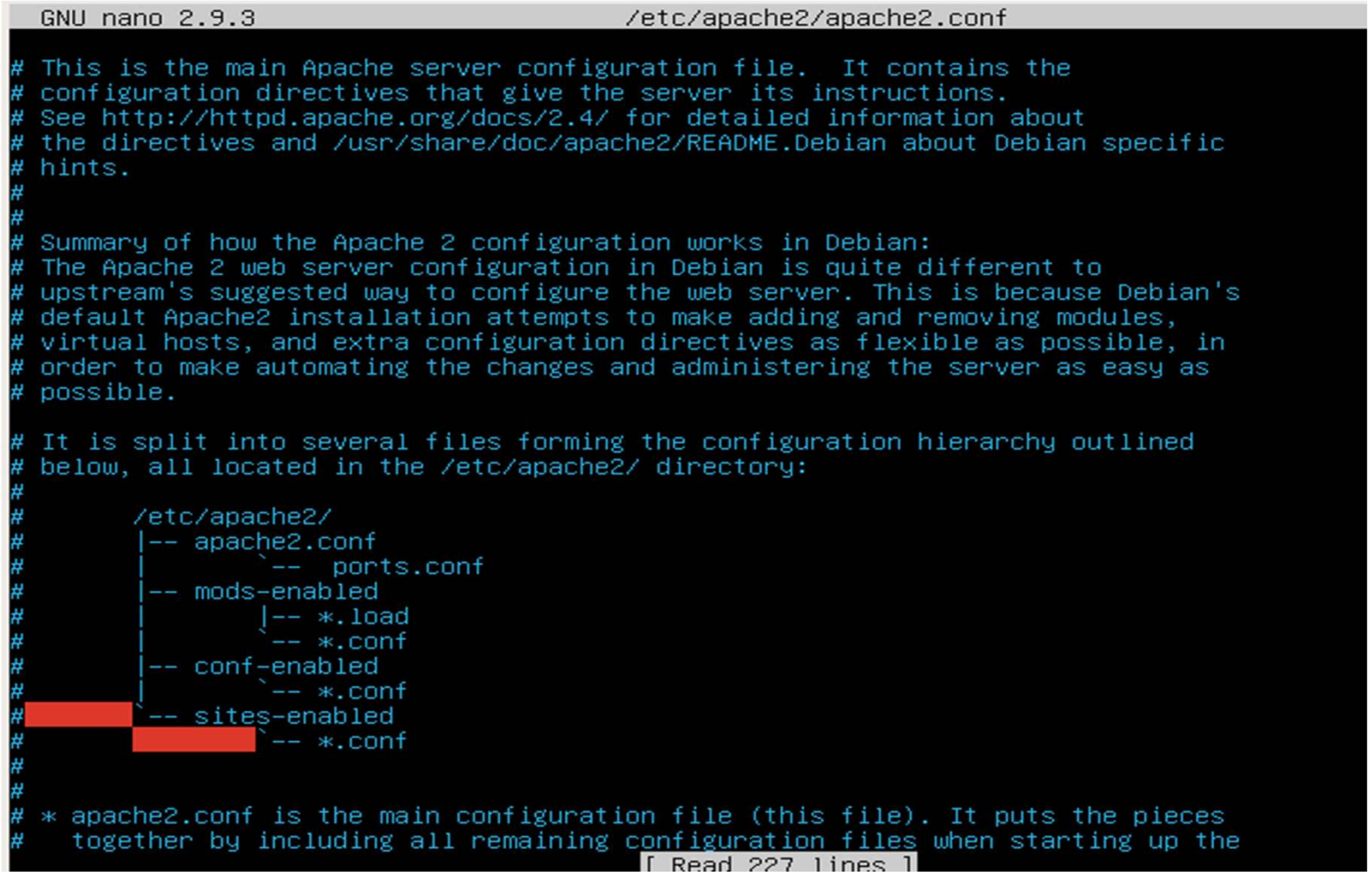
Directorios de Apache DocumentRoot

```
usuario@ubuntuserver01:/etc/apache2$ ls -la /var/www/html/
total 20
drwxr-xr-x 2 root root  4096 nov 26 23:35 .
drwxr-xr-x 3 root root  4096 nov 26 23:35 ..
-rw-r--r-- 1 root root 10918 nov 26 23:35 index.html
usuario@ubuntuserver01:/etc/apache2$ _
```

Directorios de Apache ServerRoot

```
usuario@ubuntuserver01:/etc/apache2$ ls -la
total 88
drwxr-xr-x  8 root root  4096 nov 26 23:56 .
drwxr-xr-x 94 root root  4096 nov 26 23:36 ..
-rw-r--r--  1 root root  7224 oct 10 18:59 apache2.conf
drwxr-xr-x  2 root root  4096 nov 26 23:35 conf-available
drwxr-xr-x  2 root root  4096 nov 26 23:35 conf-enabled
-rw-r--r--  1 root root  1782 oct 10 18:59 envvars
-rw-r--r--  1 root root 31063 oct 10 18:59 magic
drwxr-xr-x  2 root root 12288 nov 26 23:35 mods-available
drwxr-xr-x  2 root root  4096 nov 26 23:35 mods-enabled
-rw-r--r--  1 root root   320 oct 10 18:59 ports.conf
drwxr-xr-x  2 root root  4096 nov 26 23:35 sites-available
drwxr-xr-x  2 root root  4096 nov 26 23:56 sites-enabled
usuario@ubuntuserver01:/etc/apache2$ _
```

Fichero de configuración /etc/apache2/apache.conf

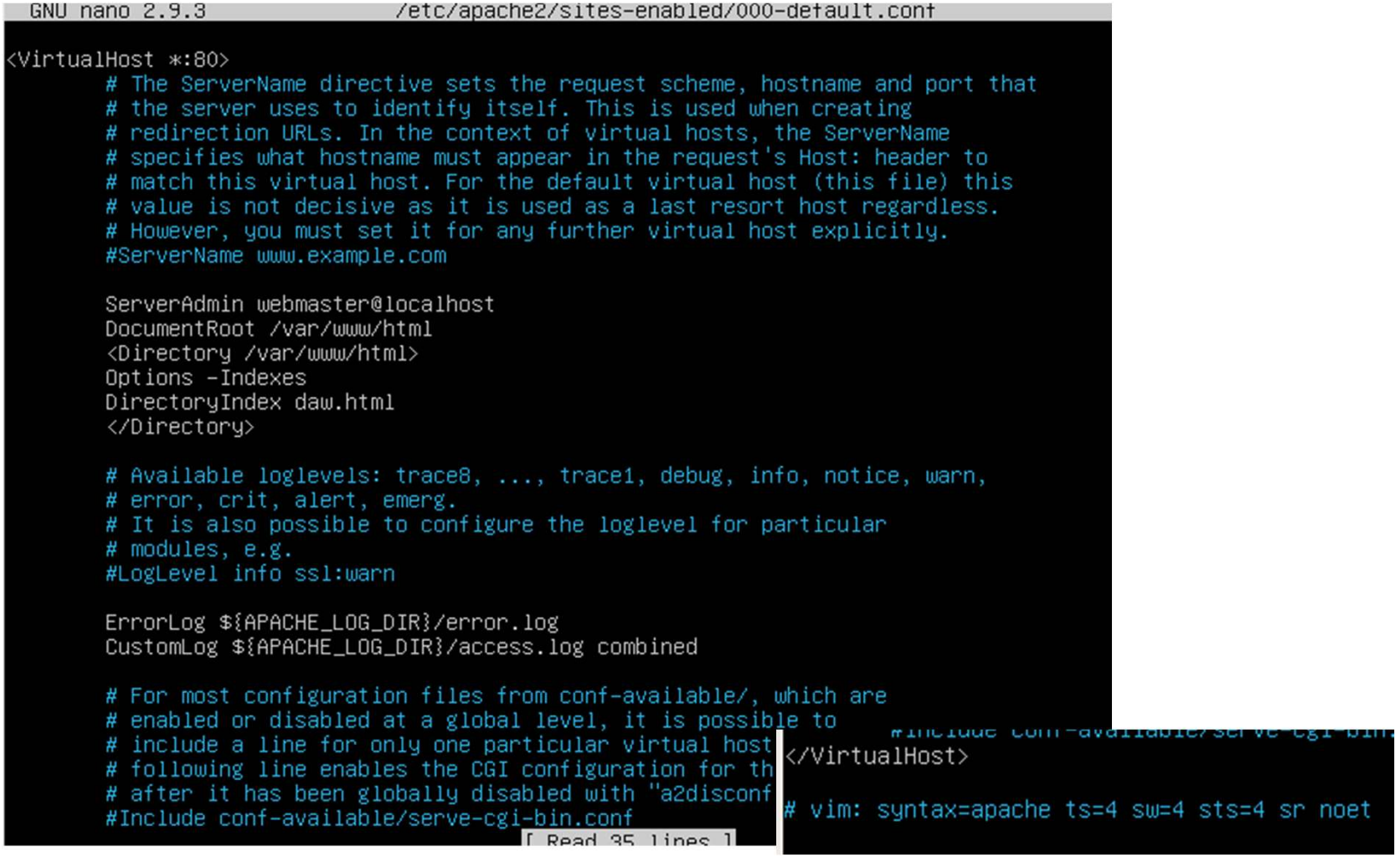


/etc/apache2/apache2.conf

```
  GNU nano 2.9.3                          /etc/apache2/apache2.conf


# Include module configuration:
IncludeOptional mods-enabled/*.load
IncludeOptional mods-enabled/*.conf

# Include list of ports to listen on
Include ports.conf


# Sets the default security model of the Apache2 HTTPD server. It does
# not allow access to the root filesystem outside of /usr/share and /var/www.
# The former is used by web applications packaged in Debian,
# the latter may be used for local directories served by the web server. If
# your system is serving content from a sub-directory in /srv you must allow
# access here, or in any related virtual host.
<Directory />
        Options FollowSymLinks
        AllowOverride None
        Require all denied
</Directory>

<Directory /usr/share>
        AllowOverride None
        Require all granted
</Directory>

<Directory /var/www/>
        Options Indexes FollowSymLinks
        AllowOverride None
        Require all granted
</Directory>
```

```
# Include generic snippets of statements
IncludeOptional conf-enabled/*.conf

# Include the virtual host configurations:
IncludeOptional sites-enabled/*.conf

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```

Fichero de configuración /etc/apache2/apache2.conf



Personalizar la página de inicio

- vi /var/www/html/index.html
- Crear un directorio llamado ejemplo y mover el fichero index.html a ese directorio
- ¿Qué ocurre, al volver a lanzar la petición

http://10.12.1.xx desde un navegador?

Reiniciar apache

- /etc/init.d/apache2 restart/start/stop/status
- Ver versión: apache2 –v
- Ver módulos instalados:
- ls –la /etc/apache2/mods-enabled
- Ver módulos disponibles:
- ls –la /etc/apache2/mods-available

Bibliografía

https://www.sololinux.es/instalar-un-servidor-lamp-ubuntu-18-04/

https://maslinux.es/como-instalar-apache-gui-en-ubuntu-18-04-lts/

https://www.solvetic.com/tutoriales/article/5609-como-instalar-lamp-phpmyadmin-en-ubuntu-18-04/