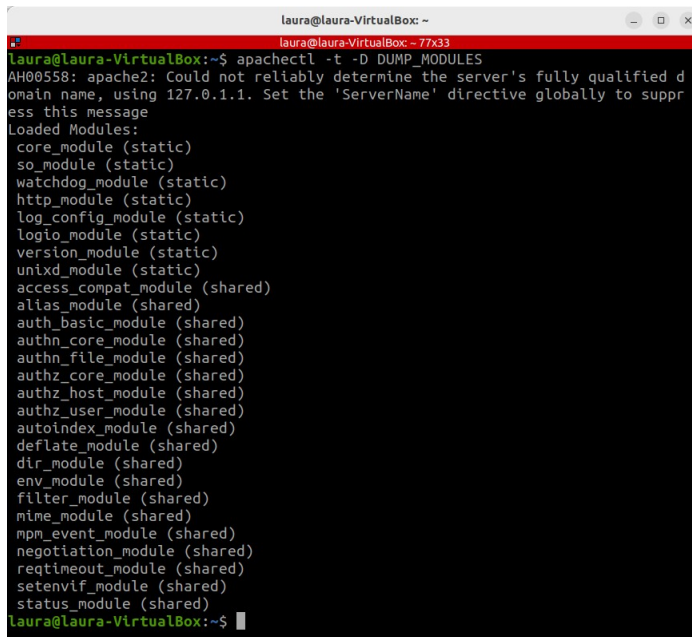


Practica Modulos

Ejercicio1

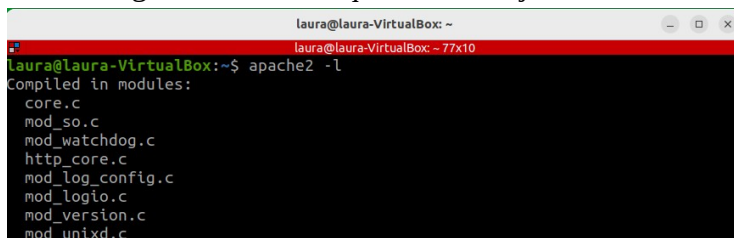
Modulos disponibles



```
laura@laura-VirtualBox: ~  
laura@laura-VirtualBox: ~ 77x33  
laura@laura-VirtualBox:~$ apachectl -t -D DUMP_MODULES  
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.1.1. Set the 'ServerName' directive globally to suppress this message  
Loaded Modules:  
core_module (static)  
so_module (static)  
watchdog_module (static)  
http_module (static)  
log_config_module (static)  
logio_module (static)  
version_module (static)  
unixd_module (static)  
access_compat_module (shared)  
alias_module (shared)  
auth_basic_module (shared)  
authn_core_module (shared)  
authn_file_module (shared)  
authz_core_module (shared)  
authz_host_module (shared)  
authz_user_module (shared)  
autoindex_module (shared)  
deflate_module (shared)  
dir_module (shared)  
env_module (shared)  
filter_module (shared)  
mime_module (shared)  
mpm_event_module (shared)  
negotiation_module (shared)  
reqtimeout_module (shared)  
setenvif_module (shared)  
status_module (shared)  
laura@laura-VirtualBox:~$
```

Los modulos marcados como static, supeestamente, son los modulos estaticos.
Por el contrario, los que estan marcados como shared, serian los modulos dinamicos.

Sin embargo, los modulos que se estan ejecutando, son:



```
laura@laura-VirtualBox: ~  
laura@laura-VirtualBox: ~ 77x10  
laura@laura-VirtualBox:~$ apache2 -l  
Compiled in modules:  
core.c  
mod_so.c  
mod_watchdog.c  
http_core.c  
mod_log_config.c  
mod_logio.c  
mod_version.c  
mod_unixd.c
```

Que son los que están margados con static en la captura anterior, pero según la documentacion de apache encontramos la siguiente informacion según el status de cada modulo:

core: core
mod_so: Extension
mod_watchdog: Base
http_core: No encuentro informacion, pero siendo core, asumo que sera Base
mod_log_config: Base
mod_logio: Extension
mod_version: Extension
mod_unixd: Base

Donde los que el status Extension es para los modulos dinamicos y el resto son estaticos.

Ejercicio2

Al msotrar al direccion <http://localhost/server-status>, aparece la siguiente pagina:

← → ↻

localhost/server-status

☆

🔍

Apache Server Status for localhost (via 127.0.0.1)

Server Version: Apache/2.4.52 (Ubuntu)
Server MPM: event
Server Built: 2022-06-14T12:30:21

Current Time: Tuesday, 15-Nov-2022 14:26:36 CET
Restart Time: Tuesday, 15-Nov-2022 13:59:15 CET
Parent Server Config: Generation: 1
Parent Server MPM Generation: 0
Server uptime: 27 minutes 21 seconds
Server load: 0.02 0.25 0.36
Total accesses: 0 - Total Traffic: 0 kB - Total Duration: 0
CPU Usage: u:0.7 s:0 cu:0 cs:0 - .00427% CPU load
0 requests/sec - 0 B/second
1 requests currently being processed, 49 idle workers

Slot	PID	Stopping	Connections			Threads		Async connections		
			total	accepting	busy	idle	writing	keep-alive	closing	
0	753	no	0	yes	0	25	0	0	0	
1	754	no	0	yes	1	24	0	0	0	
Sum	2	0	0		1	49	0	0	0	

.....
.....
.....

Scoreboard Key:
" " Waiting for Connection, "s" Starting up, "R" Reading Request,
"w" Sending Reply, "k" Keepalive (read), "d" DNS Lookup,
"c" Closing connection, "l" Logging, "g" Gracefully finishing,
"I" Idle cleanup of worker, "." Open slot with no current process

Srv	PID	Acc	M	CPU	SS	Req	Dur	Conn	Child	Slot	Client	Protocol	VHost	Request
1	0	754	1/0/0	W	0.00	0	0	0.00	0.00	127.0.0.1	http/1.1	127.0.1.1:80	GET /server-status	HTTP/1.1

Srv Child Server number - generation
PID OS process ID

Al aparecer esta informacion sin hacer nada previamente, se supone que el modulo debe estar ya activado por defecto.

```
# Uncomment and change the "192.0.2.0/24" to all IP addresses you want to allow
# To be able to use the functionality of a module that was built as a shared module,
# you have to place corresponding 'LoadModule' lines at this location so the
# modules can be used by the server.

<Location /server-status>
    SetHandler server-status
    Require local
    #Require ip 192.0.2.0/24
</Location>

# Keep track of extended status information for
```

Se quiere conseguir que acceda unicamente desde <http://intranet.ddaw.es/server-status>, por lo que hay que cambiar la informacion del archivo `/etc/apache2/mods-available/status.conf`, el apartado que aparece en la captura anterior.