

Location where services were created with Sudo permission:

```
steve@steve-VirtualBox: /etc/systemd/system$
```

Syntax of systemd services created:

File System Server service

```
/etc/systemd/system/FileSystemServer.service (src)

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main.cpp x MainClient.cpp x MainServer.cpp x FileSystemServer.service x FileSystemClient.server x

1 [Unit]
2 Description=File System Server
3 After=network.target
4 StartLimitIntervalSec=0
5 [Service]
6 Type=simple
7 Restart=always
8 RestartSec=1
9 User=steve
10 ExecStart=/home/steve/Documents/proyecto-del-curso-10-4/src/FileSystem/server
11
12 [Install]
13 WantedBy=multi-user.target
```

File System Client service (can start after server service is running)

```
/etc/systemd/system/FileSystemClient.server (src) - Su

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main.cpp x MainClient.cpp x MainServer.cpp x FileSystemServer.service x FileSystemClient.server x File

[Unit]
Description=File System Client
After=network.target
After=FileSystemServer.service
StartLimitIntervalSec=0
[Service]
Type=simple
Restart=always
RestartSec=1
User=steve
ExecStart=/home/steve/Documents/proyecto-del-curso-10-4/src/FileSystem/client

[Install]
WantedBy=multi-user.target
```

Showing in terminal how the server service is running in the background:

```
steve@steve-VirtualBox:~$ sudo systemctl enable FileSystemServer.service
Created symlink /etc/systemd/system/multi-user.target.wants/FileSystemServer.service.
steve@steve-VirtualBox:~$ systemctl start FileSystemServer
steve@steve-VirtualBox:~$ sudo systemctl status FileSystemServer.service
● FileSystemServer.service - File System Server
   Loaded: loaded (/etc/systemd/system/FileSystemServer.service; enabled; vendor preset: enabled)
   Active: active (running) since Sun 2021-06-06 15:34:13 CST; 1min 7s ago
     Main PID: 5186 (server)
       Tasks: 1 (limit: 2648)
      Memory: 320.0K
        CGroup: /system.slice/FileSystemServer.service
                └─5186 /home/steve/Documents/proyecto-del-curso-10-4/src/FileSystemServer

jun 06 15:34:14 steve-VirtualBox server[5186]: 00000000000000000000000000000000>
jun 06 15:34:14 steve-VirtualBox server[5186]: Block 12
jun 06 15:34:14 steve-VirtualBox server[5186]: 00000000000000000000000000000000>
jun 06 15:34:14 steve-VirtualBox server[5186]: Block 13
jun 06 15:34:14 steve-VirtualBox server[5186]: 00000000000000000000000000000000>
jun 06 15:34:14 steve-VirtualBox server[5186]: Block 14
jun 06 15:34:14 steve-VirtualBox server[5186]: 00000000000000000000000000000000>
jun 06 15:34:14 steve-VirtualBox server[5186]: Block 15
jun 06 15:34:14 steve-VirtualBox server[5186]: 00000000000000000000000000000000>
jun 06 15:34:14 steve-VirtualBox server[5186]: --- END OF DISK ---
/* Harc [sudo] password for steve: Pos1: 3
```