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[File Browser](#) is an elegant file browser and file manager for the web with the following features:

- Clear and simple interface
- Allows these operations over the files:
 - Upload
 - Download
 - Delete
 - Edit
 - Preview
- User administration
 - You can create multiple users and each user have their own directory
- Easy to install

Install

Download the binary executing:

```
$ curl -fsSL https://raw.githubusercontent.com/filebrowser/get/master/get
```

In [Alpine Linux](#) you need to install BASH.

```
$ sudo apk add bash
```

Copy the binary to /usr/local/bin

```
$ sudo install filebrowser /usr/local/bin/
```

Start the File Browser

From the command line

All the files that you upload through File Browser will be stored in **storage**, it is also possible to use a DIR that already exists, for example a Web directory.

```
$ mkdir storage
```

Start:

```
$ nohup filebrowser -a IP -b / -p 8000 -r storage/&
```

The File Browser starts in the background, the advantage is that we can execute the previous command using a standard user, the disadvantage is that if you restart your device then you must execute the command again, therefore it is advisable to create a service to be able to manage and start it with the operating system.

As a service

Add user and group filebrowser using [GNU](#) user land

With the following command we create the user and group **filebrowser** (note the `--group` option), the `--system` option means that the user id will be lower than 1000 (ID assigned by default to system users in Debian/Ubuntu).

```
sudo adduser --system --group --HOME /var/lib/filebrowser/ --shell /usr/s
```

Add user and group filebrowser using using [BusyBox](#)

```
$ sudo addgroup -S filebrowser  
$ sudo adduser -S -s /sbin/nologin -H -h /var/lib/filebrowser -G filebrov
```

Where

- -S: Create a system user/group.
- -s: Login shell.
- -H: Don't create home directory.
- -h: Home directory.
- -G: User group.

Create /var/lib/filebrowser directory

```
$ sudo mkdir -p /var/lib/filebrowser/storage
```

Change the owner

```
$ sudo chown -Rc filebrowser:filebrowser /var/lib/filebrowser
```

Create the configuration file

Create filebrowser directory

```
$ sudo mkdir /etc/filebrowser
```

Create the configuration file `.filebrowser.toml`

```
$ sudo touch /etc/filebrowser/.filebrowser.toml
```

Add the following options, check [File Browser options](#) for more details

```
address = "Put here your IP or URL"
port    = 8080
root    = "/var/lib/filebrowser/storage"
database = "/var/lib/filebrowser/filebrowser.db"
log     = "/var/log/filebrowser.log"
```

Create log file

```
$ sudo touch /var/log/filebrowser.log
```

Change the owner

```
$ sudo chown -c filebrowser:filebrowser /var/log/filebrowser.log
```

Create systemd unit

Create the systemd unit with the following command

```
$ sudo systemctl edit --force --full filebrowser
```

add:

```
[Unit]
Description=Web File Browser
After=network.target

[Service]
Type=simple
ExecStart=/usr/local/bin/filebrowser
User=filebrowser
```

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

now we can:

Start

```
$ sudo systemctl start filebrowser
```

Stop

```
$ sudo systemctl stop filebrowser
```

Check status

```
$ sudo systemctl status filebrowser
```

Start with the OS

```
$ sudo systemctl enabled filebrowser
```

As OpenRC service

For more information check:

- [Writing Init Scripts](#)
- [Manpages of openrc in Debian](#)
- [OpenRC Service Script Writing Guide](#)

Create filebrowser file

```
$ sudo touch /etc/init.d/filebrowser
```

add:

```
#!/sbin/openrc-run
depend() {
    need net
}
command="/usr/local/bin/filebrowser"
command_user="filebrowser:filebrowser"
pidfile="/run/${RC_SVCNAME}.pid"
command_background=true
```

assign exec perms:

```
$ sudo chmod -c 755 /etc/init.d/filebrowser
```

now we can:

Start

```
$ sudo rc-service filebrowser start
```

Stop

```
$ sudo rc-service filebrowser stop
```

Start with the OS

```
$ sudo rc-update add filebrowser default
```

Now you can access the your File Browser at <http://YourIP:8080/>, the default username and password are: admin/admin.

Related links

- [File Browser Screenshots](#)
- [Project on Github](#)

File Browser, administrador de ficheros para la Web



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