File Manager

file manager that uses a simulated partition (UNIX file), OS Project.

getting started

installing

To install this project: To download the project

```
git clone https://www.github.com/ishak96/PROJET_OS
```

Then go to the directory

```
cd PROJET_OS
```

compile the project

- normal compile : `make`
- test and shell compile : `make test`
- doxygen compile : `make gendocs`

To run these tests

```
./bin/<testname>
```

To run the shell interface

```
./bin/shell <disk_name> -f [--format]
```

```
-f option to format the disk image
```

Shell commands
- `cat <path> : read file`

- `write <path> <data> : write the data in the file`

- `cp <file1> <file2> : copy one file to another`

- `ln <file1> <file2> : create a hard link`

- `mv <file1> <file2> : move one file to another`

- `ls [-l] <path> : list path contents and date permissions…`

- `clear : clear the screen`

- `rmdir <dirname> : remove folder`

- `rm <filename> : remove file`

- `mkdir <dirname> : make a dir`

- `touch <filename>` : make a file

- `cd <path>` : change the current directory, you can use any symlink

- `exit` : basic exit

- `pwd` : print the current working directory