

Files and Directories

- Change into a directory:

```
cd [/path/to/dir]
```

- Move up one level in the filesystem:

```
cd ..
```

- Change to home directory:

```
cd
```

- Change to home directory:

```
cd ~
```

- Get information on a file:

```
file [file]
```

- View directory contents (from inside):

```
ls
```

- View directory contents (from outside):

```
ls [dir]
```

- List directories without listing contents:

```
ls -d [dir]
```

- List contents including hidden files:

```
ls -a
```

- List contents including hidden files, excluding current & parent dirs:

```
ls -A
```

- Long listing of directory contents:

```
ls -l
```

- Long listing of directory contents human-readable:

```
ls -lh
```

- Long list with file authors:

```
ls -l --author
```

- Long list sorted by modification time, newest first:

```
ls -lt
```

- List directory contents sorted by file size, largest first:

```
ls -S
```

- Reverse the order while sorting:

```
ls -Sr
```

- List directory contents recursively:

```
ls -R [dir]
```

- Long listing of a directory:

```
ll [dir]
```

- Create an empty file:

```
touch [filename]
```

- Update an existing file's timestamp:

```
touch [file]
```

- Move a file

```
mv [file] [/path/to/target]
```

- Rename a file

```
mv [file] [new name]
```

- Move a file without overwriting any files in target dir:

```
mv -n [file] [/path/to/target]
```

- Copy a file:

```
cp [file] [destination]
```

- Copy a file without overwriting any files in target:

```
cp -n [file] [destination]
```

- Recursively copy a directory:

```
cp -r [dir] [destination]
```

- Delete a file:

```
rm [file]
```

- Delete a directory (empty):

```
rmdir [dir]
```

- Delete a directory (non-empty):

```
rm -r [dir]
```