



Help

Find help on a command

```
$ man <command>
```

VirtualBox Key Combinations

Switch to and from full-screen

```
RCTRL + f
```

Linux Key Combinations

Launch a terminal

```
CTRL + ALT + t
```

Lock session

```
CTRL + ALT + l
```

Switch Desktop Workspace

```
ALT + Fx
```

Switch TTY

```
RCTRL + Fx
```

Move running process to background

```
CTRL + z
```

Relative Paths

. current dir
.. parent dir
~ your home dir

Exploring and Traversing the File System

Show current working dir

```
$ pwd
```

List directory content

```
$ ls
```

List directory content and hidden files
(long format)

```
$ ls -al
```

Change the current working dir

```
$ cd <path>
```

File types

- regular file

d directory (a file of a specific format that lists other files)

l a hard or soft link (basically a shortcut to another file)

c a character device file

b a block device file

p a pipe file

s a socket file

Manipulating the File System

Output file content

```
$ cat <file>
```

Create a new file

```
$ touch <file>
```

Create a new directory

```
$ mkdir <dir>
```

Remove file

```
$ rm <file>
```

Remove directory (recursive) and its content

```
$ rm -r <dir>
```

Move a file or a directory

```
$ mv <dir/file>
```

Copy file

```
$ cp <src_file> <dest_file>
```

Copy directory (recursive) and its content

```
$ cp -r <src_dir> <dest_dir>
```

Tags

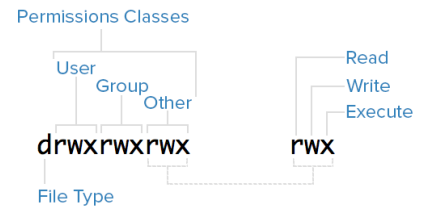
List existing tags

```
$ git tag -l
```

Mark current commit with tag

```
$ git tag <tagname>
```

Filemode



File Ownership

Change owner of file or dir (add -R for recursive)

```
$ chown <user> <file>
```

Change group of file or dir (add -R for recursive)

```
$ chown :<group> <file>
```

Change owner and group of file or dir
(add -R for recursive)

```
$ chown <user>:<group> <file>
```

Change permissions of file or dir
(permissions can be octal or symbolic)

```
$ chmod <permissions> <file>
```

Symbolic permissions examples

```
g-rwx
```

```
g+rX
```

```
u+X,g+X-Z
```

```
u+X,g+X-W,O-rwx
```