

Shell CLI Cheat Sheet

Directories

```
$ pwd
```

Show path of current directory

```
$ cd <directory>
```

Change current directory to <directory>.

```
$ ls [<directory>]
```

List <directory> contents. Uses current directory if not specified.

```
$ ls -lah [<directory>]
```

Same as previous but show long format, all files and sizes for humans.

```
$ mkdir <directory_name>
```

Make a new directory.

Output

```
$ cat <file>
```

Show all content of <file>.

```
$ less <file>
```

View <file> content with interactive pagination.

```
$ head -15 <file>
```

Show first 15 lines of <file>.

```
$ tail -15 <file>
```

Show last 15 lines of <file>.

```
$ tail -f <file>
```

Show last 10 lines of <file> and new content.

```
$ <cmd> > <file>
```

Overwrite file with output from <cmd>.

```
$ <cmd> >> <file>
```

Append to file output from <cmd>.

```
$ <cmd1> | <cmd2>
```

Send <cmd1> output as input to <cmd2>.

Files

```
$ rm -r <directory>
```

Remove <directory>.

```
$ rm <file>
```

Remove <file>.

```
$ rm -f <obj>
```

Remove <obj> file or directory.

```
$ mv <obj> <target-directory>
```

Move <obj> file or direct. to <target-directory>.

```
$ mv <obj> <new_obj>
```

Rename <obj> file or directory to <new_obj>

```
$ cp <file> <directory>
```

Copy <file> to <directory>.

```
$ cp -r <directory> <target-directory>
```

Copy <directory> to <target-directory>.

Find stuff

```
$ grep "<text>" <file>
```

Search for <text> in <file>

```
$ grep -r1 "<text>" <directory>
```

See all files that contain <text> in <directory>.

SSH

```
$ ssh <user>@<host>
```

Open remote shell in <host> with <user>

```
$ scp <local-file> <user>@<host>:<remote-dir>
```

Copy local file into <host> to <remote-dir>.

Key Combos

Ctrl+C

Interrupt current command

Ctrl+R

Search in command history