

Cheat Sheet Terminal Commands

Files

```
$ rm <file>
```

Delete <file>

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

Delete <directory>

```
$ rm -f <file>
```

Force-delete <file> (add -r to force-delete a directory)

```
$ mv <file-old> <file-new>
```

Rename <file-old> to <file-new>

```
$ mv <file> <directory>
```

Move <file> to <directory> (possibly overwriting an existing file)

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

Copy <file> to <directory> (possibly overwriting an existing file)

```
$ touch <file>
```

Create <file>

```
$ echo "text" > <file>
```

Write "text" into <file>

```
$ cp -r <directory1> <directory2>
```

Copy <directory1> and its contents to <directory2> (possibly overwriting files in an existing directory)

Search

```
$ find <dir> -name "<file>"
```

Find all files named <file> inside <dir>

Directories

```
$ pwd
```

Display path of current working directory

```
$ cd <directory>
```

Change directory to <directory>

```
$ cd ..
```

Navigate to parent directory

```
$ ls
```

List directory contents

```
$ ls -la
```

List detailed directory contents, including hidden files

```
$ mkdir <directory>
```

Create new directory named <directory>

Output

```
$ cat <file>
```

Output the contents of <file>

```
$ less <file>
```

Output the contents of <file> using the less command (which supports pagination etc.)

```
$ head <file>
```

Output the first 10 lines of <file>

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

Direct the output of <cmd> into

(use wildcards [
] to search for parts of
filenames, e.g. "file.
")

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

Output all occurrences of <text>
inside

<file> (add -i for case-insensitivity)

```
$ grep -rl "<text>" <dir>
```

Search for all files containing <text>
inside <dir>

<file>

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

Append the output of <cmd> to
<file>

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

Direct the output of <cmd1> to
<cmd2>

```
$ clear
```

Clear the command line window