

# Linux cheat sheet

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## Abstract

Quick reference for the GNU/Linux command line. It is assumed that you use Bash. This definitely isn't a complete list, my goal is to have a reference for handy commands that aren't use on a daily basis. Knowledge of GNU/Linux and Bash is required.

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## 1 Find command

Used to search for files in a certain directory hierarchy.

### 1.1 Basic usage

Find files with a given extension from the current directory.

```
find . -name "*.png"
```

Find files with multiple specified extensions from the current directory.

```
find . -type f \( -iname \*.png -o -iname \*.jpg \)
```

### 1.2 Execute command on files

Run a single command:

```
find . -name "*.png" -exec echo {} \;
```

Run multiple commands:

```
find . -name "*.png" -exec echo {} \; -exec touch {} \;
```

The second command will only run if the first command runs successfully.

## 2 Watch command

Used to run a certain command at a specified interval. Usage example:

```
watch -n 5 free -m
```

The -d (difference) parameter is used to highlight the differences between updates.

```
watch -d -n 5 free -m
```

## 3 References

Find man page

Unix Stack Exchange

The watch Command