

# Common Linux Commands

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This document provides the definition, usage, and examples of several commonly used Linux commands.

## ECHO

**Definition:** Displays a line of text

**Usage:** `echo + option + string`

**Examples:**

- Displays a message with backslash escapes:

```
echo -e "\nHello...\tWorld!"
```

- Suppress the trailing newline:

```
echo -n "Hello, World!"
```

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## DATE

**Definition:** Displays or sets the system date and time.

**Usage:** `date + option`

**Examples:**

- Displays the current date and time:

```
date
```

- Displays the date in a custom superior format:

```
date +"%d-%m-%Y %H:%M:%S"
```

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## FREE

**Definition:** Displays the amount of free and used memory in the system.

**Usage:** `free + option`

**Examples:**

- Displays memory usage in a human-readable format:

```
free -h
```

- Displays memory usage in gigabytes:

```
free -h --giga
```

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## uname

**Definition:** Prints system information such as the operating system name, version, and other details.

**Usage:** `uname + option`

**Examples:**

- Displays all system information:

```
uname -a
```

- Displays kernel-name, kernel-release, hw-platform & OS:

```
uname -srio
```

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## HISTORY

**Definition:** Shows a list of previously executed commands.

**Usage:** `history + option`

**Examples:**

- Displays command history:

```
history
```

- Clears command history:

```
history -c
```

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## MAN

**Definition:** Displays the manual of a given command, showing detailed documentation.

**Usage:** `man + command`

**Examples:**

- Displays the manual for the `ls` command:

```
man ls
```

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## APT

**Definition:** A package management tool used to install, update, and remove software packages on Debian-based systems.

**Usage:** `apt + option + command`

**Examples:**

- Update the package list:

```
sudo apt update
```

- Install a package:

```
sudo apt install <package-name>
```

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## SNAP

**Definition:** Used to install and manage snap packages, which are self-contained software packages that work on various Linux distributions.

**Usage:** `snap + command`

**Examples:**

- Install a snap package:

```
sudo snap install <package-name>
```

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## FLATPAK

**Definition:** Used to manage Flatpak packages, which are similar to snap packages and provide cross-distribution software deployment.

**Usage:** `flatpak` + `command`

### Examples:

- Install a Flatpak package:

```
flatpak install <package-name>
```