

Common Linux Commands

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!"
```

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"
```

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
```

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
```

HISTORY

Definition: Shows a list of previously executed commands. **Usage:** `history + option` **Examples:**

- Displays command history:

```
history
```

- Clears command history:

```
history -c
```

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
```

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>
```

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>
```

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>
```