

Essential Linux Commands

What You Will Learn

- Some basic, yet essential commands.
- Frequently used.
- These commands work on any Linux distribution.

Essential Linux Commands

`pwd` Displays the present working directory.

```
[adminuser@localhost ~]$ pwd
/home/adminuser
[adminuser@localhost ~]$
```

Essential Linux Commands

`cd [dir]` Changes the current directory to `dir`.

```
[adminuser@localhost ~]$ cd /var
[adminuser@localhost var]$ pwd
/var
[adminuser@localhost var]$ cd
[adminuser@localhost ~]$ pwd
/home/adminuser
[adminuser@localhost ~]$ █
```

Essential Linux Commands

`ls` Lists directory contents.

```
[adminuser@localhost ~]$ ls
Desktop      Downloads   Pictures    Templates
Documents    Music       Public      Videos
[adminuser@localhost ~]$
```

Essential Linux Commands

`ls -l` Lists directory contents using a long listing format.

```
[adminuser@localhost ~]$ ls -l
total 0
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Desktop
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Documents
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Downloads
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Music
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Pictures
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Public
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Templates
drwxr-xr-x. 2 adminuser adminuser 6 Jan  2 22:11 Videos
[adminuser@localhost ~]$
```

Essential Linux Commands

cat Concatenates and displays files.

```
[adminuser@localhost ~]$ cat /etc/shells
/bin/sh
/bin/bash
/usr/bin/sh
/usr/bin/bash
/usr/bin/zsh
/bin/zsh
/usr/bin/tmux
/bin/tmux
[adminuser@localhost ~]$
```

Essential Linux Commands

`clear` Clears the screen.

Essential Linux Commands

`man command` Displays the online manual for command.

```
LS(1)                                     User Commands                                     LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
    List information about the FILES (the current directory by
    default). Sort entries alphabetically if none of -cftuvSUX
```

man Keyboard Commands

space - display the next page

q - quit

Essential Linux Commands

`exit` Exits the shell or your current session.

Summary

<code>pwd</code>	Displays the present working directory.
<code>cd</code>	Changes the current directory.
<code>ls</code>	Lists directory contents.
<code>cat</code>	Concatenates and displays files.
<code>man</code>	Displays the online manual.
<code>clear</code>	Clears the screen.
<code>exit</code>	Exits the shell or your current session.