

# Process Utilities Commands

Welcome to this presentation on process utilities commands. In this guide, we will explore a range of essential commands that can help enhance your workflow and productivity. Let's dive in!

 by Vinitha Anumulapuri

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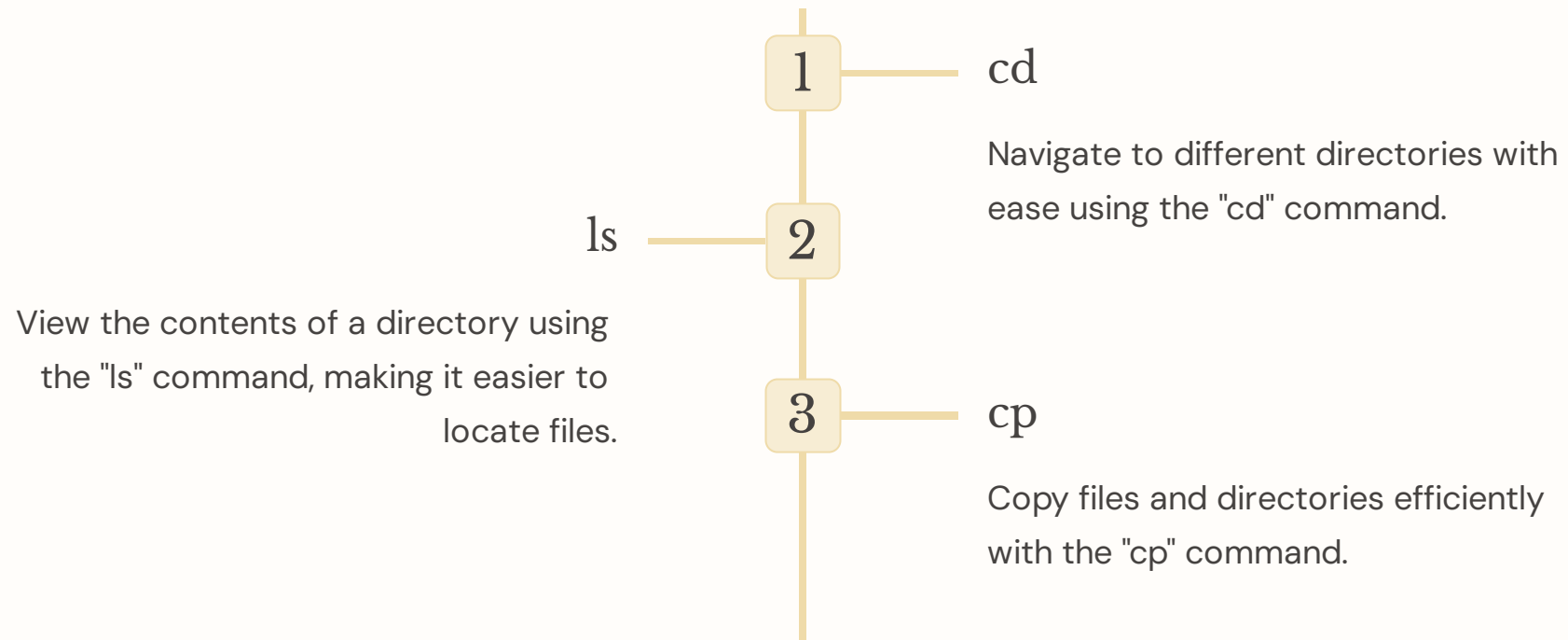
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# 1. File Management



## 2. Text Processing



### grep

Search for specific text patterns within files using the powerful "grep" command.



### sed

Manipulate and transform text in files using the versatile "sed" command.



### awk

Extract and manipulate data within files using the flexible "awk" command.

# 3. Process Monitoring

## top

Observe real-time system resource usage and process activity with the "top" command.

## ps

List currently running processes and their details with the informative "ps" command.

## htop

Interactively monitor system processes and resource usage with the user-friendly "htop" command.

## kill

Terminate specific processes gracefully or forcefully using the "kill" command.

# 4. System Administration



## sudo

Execute commands with elevated privileges and manage system settings using the powerful "sudo" command.



## chmod

Change file permissions and access modes easily with the flexible "chmod" command.



## chown

Change file ownership and group association effortlessly using the convenient "chown" command.

# 5. Network Utilities

1

ping

Check network connectivity and measure round-trip time using the essential "ping" command.

2

netstat

Get detailed information about network connections and routing tables with the informative "netstat" command.

3

ssh

Securely connect to remote servers and manage them remotely using the reliable "ssh" command.

# 6. Scripting and Automation

## 1 bash

Utilize the powerful Bash scripting language to automate repetitive tasks and streamline workflows.

## 2 crontab

Schedule recurring jobs and automate script execution with the versatile "crontab" command.

# 7. Package Management

yum

Install, update, and manage software packages in Red Hat-based Linux distributions.

apt-get

Install, update, and manage software packages in Debian-based Linux distributions.