Related Roadmaps

- DevOps Roadmap
- Docker Roadmap
- Kubernetes Roadmap
- Backend Roadmap

Linux

Find the interactive version of this roadmap and more roadmaps at

roadmap.sh

- Navigation Basics
  - Basic Commands
  - Moving Files / Directories
  - Creating & Deleting Files / Dirs
  - Directory Hierarchy Overview
- Editing Files
  - Vim
  - Nano
- Shell and Other Basics
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  - Environment Variables
  - Command Help
  - Redirects
  - Super User
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  - paste
  - sort
  - tr
  - head
  - tail
  - join
  - split
  - pipe
  - tee
  - nl
  - wc
  - expand
  - unexpand
  - uniq
  - grep
  - awk
- Working with Files
  - File Permissions
  - Archiving and Compressing
  - Copying and Renaming
  - Soft Links / Hard Links
- Process Management
  - Background / Foreground Processes
  - Listing / Finding Processes
  - Process Signals
  - Killing Processes
  - Process Priorities
  - Process Forking
- Server Review
  - Uptime and Load
  - Authentication Logs
  - Services Running
  - Available Memory / Disk
- User Management
  - Create / Delete / Update
  - Users and Groups
  - Managing Permissions
- Service Management (systemd)
  - Creating New Services
  - Checking Service Logs
  - Starting / Stopping Services
  - Checking Service Status
- Disks and Filesystems
  - Inodes
  - Filesystems
  - Mounts
  - LVM
  - Adding Disks
  - Swap
- Package Management
  - Package Repositories
  - Snap
  - Finding & Installing Packages
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  - Install / Remove / Upgrade Packages
- Booting Linux
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  - Boot Loaders
- Networking
  - TCP/IP Stack
  - Subnetting
  - Ethernet & arp/rarp
  - DHCP
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  - Container Runtime
  - Docker

Continue learning with following roadmaps

- DevOps
- Docker
- Backend