Cheatography

Managing Linux using systemd Cheat Sheet

by hlhlhl (hlhlhl) via cheatography.com/218585/cs/48353/

Systemd Units

Unit	Extension	Purpose
Service	`.service`	Background service/daemon
Target	`.target`	Group of units (runlevel replacement)
Socket	`.socket`	Socket activation
Timer	`.timer`	Scheduled task (cron alternative)
Mount	`.mount`	Automatically mount filesystem
Automount	`.automount`	Hardware devices
Device	`.device`	Hardware devices
Path	`.path`	Monitor file/directory changes
Swap	`.swap`	Swap device
Scope	`.scope`	External processes
Slice	`.slice`	Resource grouping

`systemctl list-units` -> Running units

`systemctl list-u nit -files` -> Installed unit files

Systemctl Utilities

Command	Purpose
`systemctl status`	View service status
`systemctl start`	Start service
`systemctl stop`	Stop service
`systemctl restart`	Restart service
`systemctl reload`	Reload config-uration
`systemctl enable`	Start at boot
`systemctl is-enabled`	Check boot status
`systemctl mask`	Prevent service from starting
`systemctl unmask`	Remove mask
`systemctl daemon -reload`	Reload unit files
`systemctl isolate`	Switch target

journalctl

Command	Purpose
`journalctl`	View logs
`journalctl -u sshd`	Logs for a service
`journalctl -xe`	Recent errors
`journalctl -f`	Follow logs live
`journalctl -b`	Current boot logs

Managing Unit States

State	Meaning
Active	Currently running
Inactive	Not running
Enabled	Starts automatically at boot
Disabled	Does not start automatically
Masked	Cannot be started
Failed	Service encountered an error

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