

systemd Cheat Sheet

VIEWING systemd INFORMATION

<code>systemctl list-dependencies</code>	Show a unit's dependencies
<code>systemctl list-sockets</code>	List sockets and what activates
<code>systemctl list-jobs</code>	View active systemd jobs
<code>systemctl list-unit-files</code>	See unit files and their states
<code>systemctl list-units</code>	Show if units are loaded/active
<code>systemctl get-default</code>	List default target (like run level)

WORKING WITH SERVICES

<code>systemctl stop service</code>	Stop a running service
<code>systemctl start service</code>	Start a service
<code>systemctl restart service</code>	Restart a running service
<code>systemctl reload service</code>	Reload all config files in service
<code>systemctl daemon-reload</code>	Must run to reload changed unit files
<code>systemctl status service</code>	See if service is running/enabled
<code>systemctl --failed</code>	Shows services that failed to run
<code>systemctl reset-failed</code>	Resets any units from failed state
<code>systemctl enable service</code>	Enable a service to start on boot
<code>systemctl disable service</code>	Disable service--won't start at boot
<code>systemctl show service</code>	Show properties of a service (or other unit)
<code>systemctl edit service</code>	Create snippet to drop in unit file
<code>systemctl edit --full service</code>	Edit entire unit file for service
<code>systemctl -H host status network</code>	Run any systemctl command remotely

CHANGING SYSTEM STATES

<code>systemctl reboot</code>	Reboot the system (reboot.target)
<code>systemctl poweroff</code>	Power off the system (poweroff.target)
<code>systemctl emergency</code>	Put in emergency mode (emergency.target)
<code>systemctl default</code>	Back to default target (multi-user.target)

VIEWING LOG MESSAGES

<code>journalctl</code>	Show all collected log messages
<code>journalctl -u network.service</code>	See network service messages
<code>journalctl -f</code>	Follow messages as they appear
<code>journalctl -k</code>	Show only kernel messages

USING UNIT FILES

Besides **services**, most systemd commands can work with these unit types: **paths**, **slices**, **snapshots**, **sockets**, **swaps**, **targets**, and **timers**

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