

### Definitions

Systemd	System and service manager
Units	Resources managed by systemd
Mount	A mount unit specifies how a file system can be mounted on a specific directory.
Socket	A socket creates a method for applications to communicate with one another. This can be defined as a file or a port.
->ListenStream	TCP Port used by service listed in service file.
->ListenDatagram	UDP Port used by service listed in service file.
Target Unit	A simple definition of a target unit is "a group of units." Formerly comparable to run levels in previous iterations of RHEL.
Want	A symbolic link is known as a want, as it defines what the target wants to start when it is processed.

### Unit File Location & Precedence

/run/syst- emd/system	Contains unit files that have automatically been generated.
/etc/syst- emd/system	Contains custom unit files. It may also contain include files that have been written by an administrator or generated by the <code>systemctl edit</code> command.
/usr/lib/systemd/s- ystem	Contains default unit files that have been installed from RPM packages. You should never edit these files directly.

### Systemd Commands

<code>systemctl -t help</code>	display a list of available units
<code>systemctl list-dependencies [service]</code>	display an overview of any existing dependencies.
<code>systemctl list-dependencies [service] --reverse</code>	find out which units are dependents of this unit.
<code>systemctl [enable/disable]</code>	ensure that a unit is automatically started/disable while booting.
<code>systemctl show</code>	To figure out which options are available for a specific unit.
<code>systemctl show [service]</code>	Shows all Systemd options that can be configured in the [service].service unit, including their current default values.
<code>systemctl edit</code>	creates a subdirectory in <code>/etc/systemd/system</code> for the service that you are editing with an <code>override.conf</code> file that will overwrite any existing settings in the service file in <code>/usr/lib/systemd/system</code>

### Tips

Systemd Text Editor	swap the default editor in <code>/root/.bash_profile</code> file to include the following line: <code>export SYSTEMD_EDITOR="/bin/vim"</code>
---------------------	---



