



( / ) Wiki

# OpenRC to systemd Cheatsheet

From Gentoo Wiki

This article is for users that have recently converted from OpenRC to systemd. It contains a list of commands commonly used in OpenRC and its equivalent systemd command.

## Note

The following table is not an exhaustive list and is not intended to replace reading man pages.

Command	OpenRC	systemd	Comments
Start a service	<code>/etc/init.d/&lt;service&gt; start</code> <code>rc-service &lt;service&gt; start</code>	<code>systemctl start &lt;service&gt;</code>	
Stop a service	<code>/etc/init.d/&lt;service&gt; stop</code> <code>rc-service &lt;service&gt; stop</code>	<code>systemctl stop &lt;service&gt;</code>	
Restart a service	<code>/etc/init.d/&lt;service&gt; restart</code> <code>rc-service &lt;service&gt; restart</code>	<code>systemctl restart &lt;service&gt;</code>	
Get service status	<code>/etc/init.d/&lt;service&gt; status</code> <code>rc-service &lt;service&gt; status</code>	<code>systemctl status &lt;service&gt;</code>	
Show known startup scripts	<code>rc-status</code> <code>rc-update show</code>	<code>systemctl list-units</code>	Shows scripts that exist in runlevels
Show all startup scripts	<code>ls /etc/init.d/</code> <code>rc-update -v show</code>	<code>systemctl list-unit-files</code> <code>--type=service</code>	Shows all installed scripts

Enable service at startup	<b>rc-update add &lt;service&gt; &lt;runlevel&gt;</b>	<b>systemctl enable &lt;service&gt;</b>
Disable service at startup	<b>rc-update del &lt;service&gt; &lt;runlevel&gt;</b>	<b>systemctl disable &lt;service&gt;</b>

The following table is a list of useful systemd commands that have no OpenRC equivalent:

Command	Syntax	Comments
Disable automatically generated service	<b>systemctl mask &lt;service&gt;</b>	Disables dynamically generated services in systemd, which unit files are generated on demand (usually storage triggered services).
Kill all processes related to service	<b>systemctl kill &lt;service&gt;</b>	
Show logs events that happened today, most recent events first	<b>journalctl -r --since=today</b>	
Show log events for a specific service	<b>journalctl _SYSTEMD_UNIT= &lt;service&gt;.service</b>	

Retrieved from "[https://wiki.gentoo.org/index.php?title=OpenRC\\_to\\_systemd\\_Cheatsheet&oldid=742562](https://wiki.gentoo.org/index.php?title=OpenRC_to_systemd_Cheatsheet&oldid=742562) ([https://wiki.gentoo.org/index.php?title=OpenRC\\_to\\_systemd\\_Cheatsheet&oldid=742562](https://wiki.gentoo.org/index.php?title=OpenRC_to_systemd_Cheatsheet&oldid=742562))"

- This page was last edited on 17 October 2018, at 10:24.
- [Privacy policy \(/wiki/Gentoo\\_Wiki:Privacy\\_policy\)](/wiki/Gentoo_Wiki:Privacy_policy)
- [About Gentoo Wiki \(/wiki/Gentoo\\_Wiki:About\)](/wiki/Gentoo_Wiki:About)
- [Disclaimers \(/wiki/Gentoo\\_Wiki:General\\_disclaimer\)](/wiki/Gentoo_Wiki:General_disclaimer)

© 2001–2019 Gentoo Foundation, Inc.

Gentoo is a trademark of the Gentoo Foundation, Inc. The contents of this document, unless otherwise expressly stated, are licensed under the [CC-BY-SA-3.0](https://creativecommons.org/licenses/by-sa/3.0/) (<https://creativecommons.org/licenses/by-sa/3.0/>) license. The [Gentoo Name and Logo Usage Guidelines](https://www.gentoo.org/inside-gentoo/foundation/name-logo-guidelines.html) (<https://www.gentoo.org/inside-gentoo/foundation/name-logo-guidelines.html>) apply.

---