

**NAME**

systemd-udev.service, systemd-udev-control.socket, systemd-udev-kernel.socket, systemd-udev - Device event managing daemon

**SYNOPSIS**

systemd-udev.service

systemd-udev-control.socket

systemd-udev-kernel.socket

**/lib/systemd/systemd-udev** [**--daemon**] [**--debug**] [**--children-max=**] [**--exec-delay=**] [**--event-timeout=**] [**--resolve-names=early|late|never**] [**--version**] [**--help**]

**DESCRIPTION**

**systemd-udev** listens to kernel uevents. For every event, systemd-udev executes matching instructions specified in udev rules. See [udev\(7\)](#).

The behavior of the daemon can be configured using [udev.conf\(5\)](#), its command line options, environment variables, and on the kernel command line, or changed dynamically with **udevadm control**.

**OPTIONS****--daemon**

Detach and run in the background.

**--debug**

Print debug messages to standard error.

**--children-max=**

Limit the number of events executed in parallel.

**--exec-delay=**

Delay the execution of *RUN* instructions by the given number of seconds. This option might be useful when debugging system crashes during coldplug caused by loading non-working kernel modules.

**--event-timeout=**

Set the number of seconds to wait for events to finish. After this time, the event will be terminated. The default is 180 seconds.

**--resolve-names=**

Specify when systemd-udev should resolve names of users and groups. When set to **early** (the default), names will be resolved when the rules are parsed. When set to **late**, names will be resolved for every event. When set to **never**, names will never be resolved and all devices will be owned by root.

**--help**

Print a short help text and exit.

**--version**

Print a short version string and exit.

**KERNEL COMMAND LINE**

Parameters starting with "rd." will be read when **systemd-udev** is used in an initrd.

*udev.log-priority=*, *rd.udev.log-priority=*

Set the log level.

*udev.children-max=*, *rd.udev.children-max=*

Limit the number of events executed in parallel.

*udev.exec-delay=*, *rd.udev.exec-delay=*

Delay the execution of *RUN* instructions by the given number of seconds. This option might be useful when debugging system crashes during coldplug caused by loading non-working kernel modules.

*udev.event-timeout=*, *rd.udev.event-timeout=*

Wait for events to finish up to the given number of seconds. This option might be useful if events are

terminated due to kernel drivers taking too long to initialize.

*net.ifnames=*

Network interfaces are renamed to give them predictable names when possible. It is enabled by default; specifying 0 disables it.

**SEE ALSO**

[udev.conf\(5\)](#), [udev\(7\)](#), [udevadm\(8\)](#)