systemd-backlight@.service

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systemd-backlight

Load and save the display backlight brightness at boot and shutdown

`systemd-backlight@.service`

`/usr/lib/systemd/systemd-backlight` save [backlight|leds]:DEVICE

`/usr/lib/systemd/systemd-backlight` load [backlight|leds]:DEVICE

Description

`systemd-backlight@.service` is a service that restores the brightness of a display backlight or LED (e.g. keyboard backlight) device at early boot, and saves it at shutdown. The brightness is stored in `/var/lib/systemd/backlight/`.

On restoring brightness of a display backlight device, `systemd-backlight` reads `ID_BACKLIGHT_CLAMP` udev property, that takes a boolean value or a percentage (needs to be suffixed with `%`, e.g. `30%`). When a percentage is specified, the saved brightness is clamped to a value of at least 1 or the specified percentage of the maximum brightness, whichever is greater. When unset or set to true, the brightness is clamped in the same way with percentage 5%. When false, the saved brightness will not be clamped, and loaded as is.

On restoring brightness of a LED device, `systemd-backlight` reads `ID_LEDS_CLAMP` udev property, that also takes a boolean value or a percentage. When a percentage is specified, the saved brightness is clamped to the specified percentage of the maximum brightness. When set to true, the brightness is clamped in the same way with percentage 5%. When unset or set to false, the saved brightness will not be clamped, and loaded as is.

Kernel Command Line

`systemd-backlight` understands the following kernel command line parameter:

`systemd.restore_state=`
Takes a boolean argument. Defaults to `1`. If `0`, does not restore the backlight settings on boot. However, settings will still be stored on shutdown.

See Also

`systemd(1)`

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