

NAME

systemd-remount-fs.service, systemd-remount-fs – Remount root and kernel file systems

SYNOPSIS

systemd-remount-fs.service

/lib/systemd/systemd-remount-fs

DESCRIPTION

systemd-remount-fs.service is an early boot service that applies mount options listed in **fstab**(5), or gathered from the partition table (when **systemd-gpt-auto-generator**(8) is active) to the root file system, the /usr file system, and the kernel API file systems. This is required so that the mount options of these file systems — which are pre-mounted by the kernel, the initial RAM disk, container environments or system manager code — are updated to those configured in /etc/fstab and the other sources. This service ignores normal file systems and only changes the root file system (i.e. /), /usr, and the virtual kernel API file systems such as /proc, /sys or /dev. This service executes no operation if no configuration is found (/etc/fstab does not exist or lists no entries for the mentioned file systems, or the partition table does not contain relevant entries).

For a longer discussion of kernel API file systems see [API File Systems](#)^[1].

Note: systemd-remount-fs.service is usually pulled in by **systemd-fstab-generator**(8), hence it is also affected by the kernel command line option *fstab=*, which may be used to disable the generator. It may also be pulled in by **systemd-gpt-auto-generator**(8), which is affected by *systemd.gpt_auto* and other options.

SEE ALSO

systemd(1), **fstab**(5), **mount**(8), **systemd-fstab-generator**(8), **systemd-gpt-auto-generator**(8)

NOTES

1. API File Systems
<https://www.freedesktop.org/wiki/Software/systemd/APIFileSystems>