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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'systemd-remount-fs.8' command

\$ man systemd-remount-fs.8

SYSTEMD-REMOUNT-FS.SERVICEsystemd-remount-fs.servSYSTEMD-REMOUNT-FS.SERVICE(8)

NAME

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

SYNOPSIS

systemd-remount-fs.service
/usr/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 `initrd`, 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>

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