NAME

systemd-debug-generator − Generator for enabling a runtime debug shell and masking specific units at boot

SYNOPSIS

/lib/systemd/system−generators/systemd−debug−generator

DESCRIPTION

systemd−debug−generator is a generator that reads the kernel command line and understands three options:

If the **systemd.mask=** or **rd.systemd.mask=** option is specified and followed by a unit name, this unit is masked for the runtime, similar to the effect of **systemctl**(1)'s **mask** command. This is useful to boot with certain units removed from the initial boot transaction for debugging system startup. May be specified more than once. **rd.systemd.mask=** is honored only by initial RAM disk (initrd) while **systemd.mask=** is honored only in the main system.

If the **systemd.wants=** or **rd.systemd.wants=** option is specified and followed by a unit name, a start job for this unit is added to the initial transaction. This is useful to start one or more additional units at boot. May be specified more than once. **rd.systemd.wants=** is honored only by initial RAM disk (initrd) while **systemd.wants=** is honored only in the main system.

If the **systemd.debug_shell** or **rd.systemd.debug_shell** option is specified, the debug shell service "debug−shell.service" is pulled into the boot transaction and a debug shell will be spawned during early boot. By default, /dev/tty9 is used, but a specific tty can also be set, either with or without the /dev/ prefix. Note that the shell may also be turned on persistently by enabling it with **systemctl**(1)'s **enable** command. **rd.systemd.debug_shell=** is honored only by initial RAM disk (initrd) while **systemd.debug_shell** is honored only in the main system.

systemd−debug−generator implements **systemd.generator**(7).

SEE ALSO

systemd(1), **systemctl**(1), **kernel-command-line**(7)