NAME

switch_root − switch to another filesystem as the root of the mount tree

SYNOPSIS

switch_root [**−hV**]

switch_root *newroot init* [*arg*...]

DESCRIPTION

switch_root moves already mounted */proc*, */dev*, */sys* and */run* to *newroot* and makes *newroot* the new root filesystem and starts *init* process.

WARNING: switch_root removes recursively all files and directories on the current root filesystem.

OPTIONS

−h, **−−help**
> Display help text and exit.

−V, **−−version**
> Print version and exit.

EXIT STATUS

switch_root returns 1 on failure, it never returns on success.

NOTES

switch_root will fail to function if *newroot* is not the root of a mount. If you want to switch root into a directory that does not meet this requirement then you can first use a bind−mounting trick to turn any directory into a mount point:

```
mount --bind $DIR $DIR
```

AUTHORS

Peter Jones <pjones@redhat.com>, Jeremy Katz <katzj@redhat.com>, Karel Zak <kzak@redhat.com>

SEE ALSO

chroot(2), **init**(8), **mkinitrd**(8), **mount**(8)

REPORTING BUGS

For bug reports, use the issue tracker at https://github.com/util−linux/util−linux/issues.

AVAILABILITY

The **switch_root** command is part of the util−linux package which can be downloaded from Linux Kernel Archive <https://www.kernel.org/pub/linux/utils/util−linux/>.