



Rocky Enterprise Linux 9.2 Manual Pages on command 'linux-update-symlinks.1'

C:\>man linux-update-symlinks.1

LINUX-UPDATE-SYMLINKS(1) General Commands Manual LINUX-UPDATE-SYMLINKS(1)

NAME

linux-update-symlinks - maintain symlinks to default kernel and initramfs

SYNOPSIS

linux-update-symlinks {install|upgrade|remove} VERSION IMAGE-PATH

DESCRIPTION

linux-update-symlinks is intended to be called from the postinst and postrm maintainer scripts of Linux kernel packages. The postinst script must pass the first argument install or upgrade depending on whether a fresh installation or an upgrade has taken place.

The VERSION argument must be the kernel version string as shown by `uname -r` and used in filenames.

The IMAGE-PATH argument must be the absolute filename of the kernel image.

By default, this command maintains symlinks in the root directory. This behaviour can be modified by settings in `/etc/kernel-img.conf`:

image_dest

Specifies the directory in which to maintain symlinks

link_in_boot

If set to a true value, specifies that the directory is `/boot`

no_symlinks

If set to a false value, disables maintenance of symlinks

The symlinks for the primary default kernel version are named `vmlinuz` or `vmlinux`

(depending on whether the architecture normally uses compressed kernel images) and `initrd.img` (if it uses an `initramfs`). The symlinks for the secondary default have the same names with the suffix `.old`.

If `symlink maintenance` is disabled, `linux-update-symlinks` does nothing, successfully. Otherwise it makes a list of kernel versions in decreasing order of priority:

ity:

? The given `VERSION`, if the first argument is `install`

? The current primary default version, if it exists and is not already listed

? The current secondary default version, if it exists and is not already listed

? All other versions whose files are installed, excluding the specified `VERSION` if the first argument is `remove`, in decreasing version order

The top two entries on the list are the new primary and secondary default versions, and it updates the symlinks accordingly. In case there is only one entry, this is both the primary and secondary default version. If there are no entries, there are no default versions and it removes the default symlinks.

ENVIRONMENT VARIABLES

`INITRD` When the first argument is `install` or `upgrade`, `linux-update-symlinks` assumes that the given `VERSION` will use an `initramfs` unless this variable is set to `No`.

FILES

`/boot/initrd.img-*`

Installed `initramfs` images

`/boot/vmlinuz-*` | `/boot/vmlinux-*`

Installed kernel images

`/etc/kernel-img.conf`

Configuration file specifying whether and where to create symlinks

`/initrd.img`

Symlink to the `initramfs` image for the primary default version

`/initrd.img.old`

Symlink to the `initramfs` image for the secondary default version

`/vmlinuz` | `/vmlinux`

Symlink to the kernel image for the primary default version

`/vmlinuz.old` | `/vmlinux.old`

Symlink to the kernel image for the secondary default version

AUTHOR

linux-update-symlinks and this manual page were written by Ben Hutchings as part of the Debian linux-base package.

SEE ALSO

kernel-img.conf(5), linux-version(1).

5 June 2016

LINUX-UPDATE-SYMLINKS(1)