NAME
lvrename − Rename a logical volume

SYNOPSIS
lvrename *position_args*
[*option_args*]

DESCRIPTION
lvrename renames an existing LV or a historical LV (see **lvremove** for historical LV information.)

USAGE
lvrename *VG LV LV_new*
[COMMON_OPTIONS]

lvrename *LV LV_new*
[COMMON_OPTIONS]

Common options for command:
[**−A|−−autobackup y|n**]
[**−−noudevsync**]
[**−−reportformat basic|json**]

Common options for lvm:
[**−d|−−debug**]
[**−h|−−help**]
[**−q|−−quiet**]
[**−t|−−test**]
[**−v|−−verbose**]
[**−y|−−yes**]
[**−−commandprofile** *String*]
[**−−config** *String*]
[**−−driverloaded y|n**]
[**−−lockopt** *String*]
[**−−longhelp**]
[**−−nolocking**]
[**−−profile** *String*]
[**−−version**]

OPTIONS
−A|−−autobackup y|n
Specifies if metadata should be backed up automatically after a change. Enabling this is strongly advised! See **vgcfgbackup**(8) for more information.

−−commandprofile *String*
The command profile to use for command configuration. See **lvm.conf**(5) for more information about profiles.

−−config *String*
Config settings for the command. These override lvm.conf settings. The String arg uses the same format as lvm.conf, or may use section/field syntax. See **lvm.conf**(5) for more information about config.

−d|−−debug ...
Set debug level. Repeat from 1 to 6 times to increase the detail of messages sent to the log file and/or syslog (if configured).

−−driverloaded y|n
If set to no, the command will not attempt to use device-mapper. For testing and debugging.

−h|−−help

> Display help text.

−−lockopt *String*

> Used to pass options for special cases to lvmlockd. See **lvmlockd**(8) for more information.

−−longhelp

> Display long help text.

−−nolocking

> Disable locking.

−−noudevsync

> Disables udev synchronisation. The process will not wait for notification from udev. It will continue irrespective of any possible udev processing in the background. Only use this if udev is not running or has rules that ignore the devices LVM creates.

−−profile *String*

> An alias for −−commandprofile or −−metadataprofile, depending on the command.

−q|−−quiet ...

> Suppress output and log messages. Overrides −−debug and −−verbose. Repeat once to also suppress any prompts with answer 'no'.

−−reportformat basic|json

> Overrides current output format for reports which is defined globally by the report/output_format setting in lvm.conf. **basic** is the original format with columns and rows. If there is more than one report per command, each report is prefixed with the report name for identification. **json** produces report output in JSON format. See **lvmreport**(7) for more information.

−t|−−test

> Run in test mode. Commands will not update metadata. This is implemented by disabling all metadata writing but nevertheless returning success to the calling function. This may lead to unusual error messages in multi-stage operations if a tool relies on reading back metadata it believes has changed but hasn't.

−v|−−verbose ...

> Set verbose level. Repeat from 1 to 4 times to increase the detail of messages sent to stdout and stderr.

−−version

> Display version information.

−y|−−yes

> Do not prompt for confirmation interactively but always assume the answer yes. Use with extreme caution. (For automatic no, see −qq.)

VARIABLES

VG

> Volume Group name. See **lvm**(8) for valid names.

LV

> Logical Volume name. See **lvm**(8) for valid names. An LV positional arg generally includes the VG name and LV name, e.g. VG/LV.

String

> See the option description for information about the string content.

Size[UNIT]

> Size is an input number that accepts an optional unit. Input units are always treated as base two values, regardless of capitalization, e.g. 'k' and 'K' both refer to 1024. The default input unit is specified by letter, followed by |UNIT. UNIT represents other possible input units: **bBsSkKmMg-GtTpPeE**. b|B is bytes, s|S is sectors of 512 bytes, k|K is kilobytes, m|M is megabytes, g|G is

gigabytes, t|T is terabytes, p|P is petabytes, e|E is exabytes. (This should not be confused with the output control −−units, where capital letters mean multiple of 1000.)

ENVIRONMENT VARIABLES

See **lvm**(8) for information about environment variables used by lvm. For example, LVM_VG_NAME can generally be substituted for a required VG parameter.

EXAMPLES

Rename "lvold" to "lvnew":
lvrename /dev/vg02/lvold vg02/lvnew

An alternate syntax to rename "lvold" to "lvnew":
lvrename vg02 lvold lvnew

SEE ALSO

lvm(8) **lvm.conf**(5) **lvmconfig**(8)

pvchange(8) **pvck**(8) **pvcreate**(8) **pvdisplay**(8) **pvmove**(8) **pvremove**(8) **pvresize**(8) **pvs**(8) **pvscan**(8)

vgcfgbackup(8) **vgcfgrestore**(8) **vgchange**(8) **vgck**(8) **vgcreate**(8) **vgconvert**(8) **vgdisplay**(8) **vgexport**(8) **vgextend**(8) **vgimport**(8) **vgimportclone**(8) **vgmerge**(8) **vgmknodes**(8) **vgreduce**(8) **vgremove**(8) **vgrename**(8) **vgs**(8) **vgscan**(8) **vgsplit**(8)

lvcreate(8) **lvchange**(8) **lvconvert**(8) **lvdisplay**(8) **lvextend**(8) **lvreduce**(8) **lvremove**(8) **lvrename**(8) **lvresize**(8) **lvs**(8) **lvscan**(8)

lvm-fullreport(8) **lvm-lvpoll**(8) **lvm2−activation−generator**(8) **blkdeactivate**(8) **lvmdump**(8)

dmeventd(8) **lvmpolld**(8) **lvmlockd**(8) **lvmlockctl**(8) **cmirrord**(8) **lvmdbusd**(8)

lvmsystemid(7) **lvmreport**(7) **lvmraid**(7) **lvmthin**(7) **lvmcache**(7)