NAME

sg_rmsn − send SCSI READ MEDIA SERIAL NUMBER command

SYNOPSIS

sg_rmsn [*−−help*] [*−−raw*] [*−−readonly*] [*−−verbose*] [*−−version*] *DEVICE*

DESCRIPTION

Send a SCSI READ MEDIA SERIAL NUMBER command to *DEVICE* and outputs the response.

This command is described in SPC−3 found at www.t10.org . It was originally added to SPC−3 in revision 11 (2003/2/12). It is not an mandatory command and the author has not seen any SCSI devices that support it.

OPTIONS

Arguments to long options are mandatory for short options as well.

−h, **−−help**

output the usage message then exit.

−r, **−−raw**

sends the serial number (if found) to stdout. This output may contain non−printable characters (e.g. the serial number is padded with NULLs at the end so its length is a multiple of 4). The default action is to print the serial number out in ASCII−HEX with ASCII characters to the right. All error messages are sent to stderr.

−R, **−−readonly**

opens the DEVICE read−only rather than read−write which is the default. The Linux sg driver needs read−write access for the SCSI READ MEDIA SERIAL NUMBER command but other access methods may require read−only access.

−v, **−−verbose**

increase the level of verbosity, (i.e. debug output).

−V, **−−version**

print the version string and then exit.

NOTES

Device identification information is also found in a standard INQUIRY response and its VPD pages (see sg_vpd). The relevant VPD pages are the "device identification page" (VPD page 0x83) and the "unit serial number" page (VPD page 0x80).

The MMC−4 command set for CD/DVD/HD-DVD/BD drives has a "media serial number" feature (0x109) [and a "logical unit serial number" feature]. These can be viewed with sg_get_config.

EXIT STATUS

The exit status of sg_rmsn is 0 when it is successful. Otherwise see the sg3_utils(8) man page.

AUTHORS

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REPORTING BUGS

Report bugs to <dgilbert at interlog dot com>.

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SEE ALSO

sg_vpd(sg3_utils), sg_get_config(sg3_utils)