

NAME

sg_referrals – send SCSI REPORT REFERRALS command

SYNOPSIS

sg_referrals [*--help*] [*--hex*] [*--lba=LBA*] [*--maxlen=LEN*] [*--one-segment*] [*--raw*] [*--read-only*] [*--verbose*] [*--version*] *DEVICE*

DESCRIPTION

Send the SCSI REPORT REFERRALS command to the *DEVICE* and outputs the response. This command was introduced in (draft) SBC-3 revision 24 and devices that support referrals should support this command.

The default action is to decode the response for all user data segment referral descriptors. The amount of output can be reduced by the *--lba* and *--one-segment* options.

OPTIONS

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

-h, --help

output the usage message then exit.

-H, --hex

output response to this command in ASCII hex.

-l, --lba=LBA

where *LBA* is the Logical Block Address (LBA) in the first user data segment the *DEVICE* should report the referrals parameter data for.

-m, --maxlen=LEN

where *LEN* is the (maximum) response length in bytes. It is placed in the cdb's "allocation length" field. If not given then 256 is used. 256 is enough space for the response header and user data segment descriptors.

-s, --one-segment

report the user data segment of the segment specified by the *LBA* parameter only.

-r, --raw

output response in binary (to stdout).

-R, --readonly

open the *DEVICE* read-only (e.g. in Unix with the *O_RDONLY* flag). The default is to open it read-write.

-v, --verbose

increase the level of verbosity, (i.e. debug output). Additional output caused by this option is sent to stderr.

-V, --version

print the version string and then exit.

NOTES

For a discussion of referrals see section 4.25 of *sbc3r25.pdf* at <http://www.t10.org> (or the corresponding section of a later draft).

EXIT STATUS

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

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REPORTING BUGS

Report bugs to <dgilbert@interlog.com>.

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SEE ALSO

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