

NAME

sesutil - Utility for managing SCSI Enclosure Services (SES) device

SYNOPSIS

```
sesutil fault [-u /dev/sesN] disk|all on|off  
sesutil fault -u /dev/sesN sesid on|off  
sesutil locate [-u /dev/sesN] disk|all on|off  
sesutil locate -u /dev/sesN sesid on|off  
sesutil map [--libxo options] [-u /dev/sesN]  
sesutil show [--libxo options] [-u /dev/sesN]  
sesutil status [--libxo options] [-u /dev/sesN]
```

DESCRIPTION

The **sesutil** utility can be used to query and modify various parameter of SCSI Enclosure Services (SES) devices.

List of supported commands:

fault [-u /dev/sesN] *disk*|**all on|off**

Change the state of the external fault LED associated with *disk*. *disk* can be the device name of the disk, like 'da12', or **all** to indicate all disks attached to SES controllers.

fault -u /dev/sesN *sesid* **on|off**

Change the state of the external fault LED associated with an element connected to the SES controller. *sesid* must be the element ID of a valid item attached to the controller. Use the **map** command to list the elements attached to a controller.

locate [-u /dev/sesN] *disk*|**all on|off**

Change the state of the external locate LED associated with *disk*. *disk* can be the device name of the disk, like 'da12', or **all** to indicate all disks attached to SES controllers.

locate -u /dev/sesN *sesid* **on|off**

Change the state of the external locate LED associated with an element connected to the SES controller. *sesid* must be the element ID of a valid item attached to the controller. Use the **map** command to list the elements attached to a controller.

map [--libxo *options*] [-u /dev/sesN]

Display a map of all elements connected to the specified ses(4) controller. If no controller is specified, all controllers are mapped.

show [--libxo *options*] [-u /dev/sesN]

Display user-friendly summary of specified ses(4) controller. If no controller is specified, all controllers are mapped.

status [--libxo *options*] [-u /dev/sesN]

Display the status of the specified ses(4) controller. If no controller is specified, the status of each controller is returned.

Common options:

--libxo *options*

Generate output via libxo(3) in a selection of different human and machine readable formats. See xo_parse_args(3)

EXAMPLES

Turn off all locate LEDs:

```
sesutil locate all off
```

Turn on the locate LED for the drive bay corresponding to *da15*:

```
sesutil locate da15 on
```

Turn on the fault LED for a drive bay not associated with a device:

```
sesutil fault -u /dev/ses2 7 on
```

SEE ALSO

libxo(3), xo_parse_args(3), ses(4)

HISTORY

The **sesutil** utility first appeared in FreeBSD 11.0.

AUTHORS

The **sesutil** utility was written by Baptiste Daroussin <bapt@FreeBSD.org> and Allan Jude <allanjude@FreeBSD.org>.