sumo

NEC Storage Plus SCSI-AT (SUMO) host adapter driver

Description

sumo is the device driver for NEC Storage Plus SCSI-AT (SUMO) host adapter cards.

Refer to the *SCO Hardware Compatibility Handbook* to determine the support status of your host adapter, or contact your system supplier.

Configuring the sumo driver

You can configure the **sumo** driver using entries in */etc/conf/cf.d/mdevice* and */etc/conf/sdevice.d/sumo*. See *mdevice*(F) and *sdevice*(F). Changes to these files will only take effect if the kernel is relinked using **link_unix**(ADM) and the machine rebooted.

Configure **sumo** driver-specific characteristics by editing the */etc/conf/pack.d/sumo/space.c* file.

Boot time configuration of SCSI

Use the **bootstring**(HW) parameters to override the default hardware configuration information. Of special interest are the **adapter=** parameter that specifies information for the host adapter card that plugs into or is part of the motherboard, and the ***periph*=** parameter that specifies information about the host adapter being used by one of the generic peripheral interfaces (**Sdsk**, **Srom**, or **Stp**).

ioctl commands

The **sumo** driver supports all standard SCSI ioctls that are defined in the <*sys/scsicmd.h*> header file and documented on the **scsi**(HW) manual page.

Diagnostics

The following error message may be displayed on the console. See **messages**(M) for general information about kernel error messages, including a list of generic device driver errors.

`NOTICE: sumo: Spurious interrupt from device` ***drive*** `on vector` ***n***

No command was pending when an interrupt was received.

Files

/usr/include/sys/scsicmd.h
SCSI interface header files

See also

boot(HW), **link_unix**(ADM), **mdevice**(F), **mkdev**(ADM), **sconf**(ADM), **scsi**(HW), **sdevice**(F)

Chapter 16, "Adding SCSI host adapters and peripherals" in the *SCO OpenServer Handbook*
SCO OpenServer *System Administration Guide*