wdha

Western Digital 7000 SCSI host adapter driver

Description

wdha is the device driver for Western Digital 7000 SCSI 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 wdha driver

You can configure the **wdha** driver using entries in */etc/conf/cf.d/mdevice* and */etc/conf/sdevice.d/wdha*. 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 **wdha** driver-specific characteristics by editing the */etc/conf/pack.d/wdha/space.c* file.

ioctl commands

The **wdha** 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

These error messages associated with **wdha** may display on the console. See **messages**(M) for general information about kernel error messages, including a list of generic device driver errors.

`WARNING: wdha: Command 0x`***m*** `not completed, no status: host=0x`***n*** `target=0x`***o***
Reports an uncompleted command.

`WARNING: wdha: Command 0x`***m*** `rejected, port=0x`***n*** `status=0x`***o***
Reports an illegal command.

`WARNING: wdha: Selection timeout cmd=0x`***n***
A command timed out without receiving an interrupt.

`WARNING: wdha: Unexpected WDMBI status 0x`***n***
The incoming mailbox is in an unexpected state after an interrupt.

`WARNING: wdha: Unknown WDMBI status 0x`***n***
The incoming mailbox is in an unrecognized state after an interrupt.

`PANIC: wdha: No ccb available`
The driver could not find an available command control block on attempting to start a SCSI job.

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*