# wd

EIDE and ATAPI CD-ROM driver

## Description

**wd** is the boot-time loadable driver (BTLD) for EIDE host adapter cards. It provides support for MP and MicroChannel systems, and for ATAPI CD-ROM. It replaces the ATAPI BTLD.

> **NOTE** If you do not have a DPT RAID in your system, enter **defbootstr ahslink=wd disable=dptr** at the `Boot` prompt. The DPT driver can have an adverse affect on some IDE chipsets.

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

### Configuring the wd driver

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

See **messages**(M) for general information about kernel error messages, including a list of generic device driver errors.

## 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*