tmcha

Future Domain Corp TMC 845, 8x0, 885 SCSI host adapter driver

Description

tmcha is the device driver for Future Domain Corp TMC 845, 850, 860, 885 (950 chip) 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 tmcha driver

You can configure the **tmcha** driver using entries in */etc/conf/cf.d/mdevice* and */etc/conf/sdevice.d/tmcha*. 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 **tmcha** driver-specific characteristics by editing the */etc/conf/pack.d/tmcha/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 **tmcha** 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 **tmcha** may display on the console. See **messages**(M) for general information about kernel error messages, including a list of generic device driver errors.

`CONFIG: tmcha: Out of jobs (TMC_SCSI_JOBS =` ***max*** `exceeded)`
Too many SCSI commands were pending to be dealt with.

`NOTICE: tmcha: Non-existent adapter` ***m*** `(only` ***n*** `adapters)`
The specified host adapter (***m***) could not be found.

`NOTICE: tmcha: Unexpected SCSI reselection device id=`***target*** `lun=`***n*** `error`

`NOTICE: tmcha: Unexpected reselection device id=`***target*** `lun=`***n***
One of the peripheral devices made an unexpected reselection.

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*