NAME scsi_log – display a SCSI-device-related message

SYNOPSIS

#include <sys/scsi/scsi.h> #include <sys/cmn_err.h>

void scsi_log(dev_info_t **dip*, **char** **drv_name*, **u_int** *level*, **const char** **fmt*, **. . .);**

INTERFACE LEVEL Solaris DDI specific (Solaris DDI).

ARGUMENTS

dip	Pointer to the **dev_info** structure.
drv_name	String naming the device.
level	Error level.
fmt	Display format.

DESCRIPTION **scsi_log( )** is a utility function that displays a message via the **cmn_err**(9F) routine. The error levels that can be passed in to this function are **CE_PANIC, CE_WARN, CE_NOTE, CE_CONT,** and **SCSI_DEBUG.** The last level is used to assist in displaying debug messages to the console only. *drv_name* is the short name by which this device is known; example disk driver names are **sd** and **cmdk**. If the **dev_info_t** pointer is **NULL**, then the *drv_name* will be used with no unit or long name.

EXAMPLE

scsi_log(dev, "Disk Unit ", CE_PANIC, "Bad Value %d\n", foo);

Generates:

PANIC: /eisa/aha@330,0/cmdk@0,0 (Disk Unit 0): Bad Value 5

Followed by a PANIC.

scsi_log(dev, "sd", CE_WARN, "Label Bad\n");

Generates:

WARNING: /sbus@1,f8000000/esp@0,8000000/sd@1,0 (sd1): Label Bad

scsi_log((dev_info_t *) NULL, "Disk Unit ", CE_NOTE, "Disk Ejected\n");

Generates:

Disk Unit : Disk Ejected

scsi_log(cmdk_unit, "Disk Unit ", CE_CONT, "Disk Inserted\n");

Generates:

Disk Inserted

scsi_log(sd_unit, "sd", SCSI_DEBUG, "We really got here\n");

Generates (only to the console):

DEBUG: sd1: We really got here

CONTEXT **scsi_log( )** may be called from user or interrupt context.

SEE ALSO

cmn_err(9F), **scsi_errmsg**(9F)

Writing Device Drivers