NAME

libsji – Standard Jukebox Interface (SJI) Library

DESCRIPTION

The Standard Jukebox Interface (SJI) is a public set of interfaces that NetWorker uses to communicate with Jukeboxes. Generally the function of this library is to convert SJI commands, as formed by NetWorker, to the appropriate SCSI commands (since most autochangers are SCSI based), but the underlying attachment to the Jukebox is irrelevant to the functioning of this interface.

There are three entry points into this library:

`void * sji_open ( char * devname )`

This opens a channel to an SJI compliant Jukebox, named `devname`. A channel token, of type `void *` is returned if the channel is opened successfully, otherwise a channel token, of type `NULL` is returned. The device name `devame` can be a specific ordinal SCSI address, for example, `scsidev@b.t.l`, where `b` is the logical scsi bus, `t` is SCSI target, and `l` is SCSI logical unit number (LUN) on that target. For platforms that do not use Legato device drivers, the device name can also be a platform specific style device name, for example, `/dev/sjid1u1`.

`int sji_cmd ( void *token, int cmd, void *arg )`

This sends an SJI command to the device opened by the `sji_open` command.

`void sji_close ( void *token )`

This closes a channel to the device opened by the call made to the `sji_open` command.

SJI COMMAND DETAILS

The list and usage for available commands and their arguments used are too large to list here. Send electronic mail to `sji@legato.com` to request more information on these interfaces.

FILES

The location of the SJI library varies from platform to platform.