

To Check for SCSI Tape Drive Firmware String in the UNIX Environment Using SCO UNIX 5.xx:

Use the Seagate Inquiry Diagnostic utility to determine the firmware level of the tape drive.

Procedure:

1. Copy the inquiry utility to a floppy.
2. Go to your UNIX box and log in as root. Type: and press <Enter>.
3. Be sure there is a tape in the tape drive. If there is no tape in the drive one of the following errors may have been:

NOTICE: Stp: SCSI tape I device 46/9 not ready
OR
inquire: /dev/xctO: Open error: 6: No such device or address

4. Type: inquire .

(That's inquire space period) Then press <Enter> to copy the file to the current **dim**

NOTE: You must have the period on the end of the **dosc** command and **lit** must all be lowercase.

6. To run the slash inquire, press <Enter>.

Examples of what will show on the Screen:

For the Hornet 8 Minicartridge tape drive:

/dev/xctO: Seagate STT800ON 3.14

(3.14 is the firmware version)

For the Scorpion 24 tape drive with Archive string:



5. Type: c [redacted] >.

[redacted] program, [redacted] that's period

To check for SCSI tape drive firmware string in the UNIX Environment
/dev/xctO: ARCHIVE Python 04106-XXX7070

(7070 is the firmware version)

For the Scorpion 24 tape drive with Seagate string:

/dev/xctO:SEAGATE DAT 04106-XXX7070

(7070 is the firmware version)

For the Seagate AIT tape drive:

/dev/xctO: SEAGATE AIT 03jO

(03jO is the firmware version)

If you are using any other UNIX versions:

Try one of the following:

- Check your controller card or operating system information for a possible SCSI interrogation utility.
- If possible, boot to DOS and use a procedure for that operating system.

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Inquire -- shows SCSI Inquiry information for a tape device - v1.0

The inquire utility retrieves SCSI inquiry information from a device and prints the result on standard output. It works on SCO OpenServer 5 .0.x. (NOTE: OpenServer treats IDE/ATAPI tape drives as SCSI.) Inquire's intended function is to provide access to a tape drive's firmware revision (which is not displayed by the system).

usage: inquire [-f device] If no 'device' name is given, the device name is read from /etc/default/tape. If none is found, /dev/xrctO is used.

The following is example output for an ATAPI/IDE drive with firmware revision 2.0.7.

/dev/xctO: CONNER CTT8000-A 2.07

The following is example output for a Scorpion 8 DAT drive with firmware revision 6500.

/dev/xctO: SEAGATE DAT 02779-XXX6500

Unfortunately, a tape must be inserted in order to avoid open errors. The following errors may be seen when a tape is not inserted:

for an ATAP/IDE tape drive -inquire: /dev/xctO: Open error : 16: Device busy

for a SCSI tape drive -NOTICE: Stp: SCSI tape 1 device 46/9 not ready inquire: /dev/xctO: Open error : 6: No such device or address

To use:

1 Copy inquire to a floppy. Then go to your unix box and log in as root. Type: **cd /usr/bin** and press **<Enter>**.

readme

2 Type: **doscp a:inquire .** (NOTE: you must have the period on the end of the doscp command) and press <Enter>.

The file will be copied to the current directory (/usr/bin).

3 Type: **chmod 777 inquire** and press <Enter>.

4 To run the program type: **dinquire** and press <Enter>.

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