

DLTtools for WIN32

Version 0.0.20a (10/26/99)

Release Note

The user assumes all responsibility for understanding the interrelationships and information of this and other software including the operating system.

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Introduction:

DLTtools is a program that gives the user ability to manage, view and change the internals of the DLT tape drive. It is used to update drive firmware, run internal diagnostic, view or alter various parameters and data of the DLT Tape Drive through the SCSI bus.

This version of DLTtools supersedes all other earlier versions.

Build date:
Thursday, October 21, 1999 (10/21/99)

Software Release Identification:

DLTtools for WIN32 can be identified four ways.

- 1) The disclaimer screen at the start of the program.
- 2) The menu services of the program under "help/About"

CHANGES for V0.0.20a

- 1) Move DLTtools for WIN32 into the install environment.
- 2) Bug: Program would fail if the device selection screen bitmap file could not be found.
FIX: Change the code to test for the file. If found pass it to the screen manager. If not, skip screen manager load.

CHANGES for V0.0.20

- 1) Changed the PID that is fixed for the Super DLT form "SDLT1" to "SuperDLT1"

CHANGES for V0.0.19:

- 1) **BUG FIX:** The "Send Diagnostic" function decoded the pattern numbers in decimal. Until the DLT8000 this was not a problem, pattern numbers stopped at nine. To run the "health check" function on the DLT8000, a pattern value of 0xFF is needed. The pattern mask was changed to allow decode hexadecimal value.
- 2) **SUB_MENUS ADDED:** under the function menu you will now see sub-menus. This is an effort to reduce the size of the function menu before it is out-of-hand.
- 3) **SUPPORT ADDED:** The EEROM GROUP UPDATE function has been added to handle multiple EEROM Parameter updates. This function gives the user the ability to retrieve a list from either the drive or a file, edit the list, update a drive, and store the list to a file. The EEROM parameter list is kept in the same format as return by the drive. The user also has the ability to use their favorite editor to change the stored file. This function is geared to the format return by the drive. Unknown results will occur if the format of the file changes.

KNOWN ANOMALIES:

1. When the package is first install, the DLTtools Icon under the start menu will not work. Can't find the program.
Fix: Locate the icon with the windows explorer. Either double click on the Icon to run it or open the properties in the directory the Icon is found. Close by clicking the "OK" button.
2. There is an initialization problem with DLTtools and the ASPI library file (WNASPI32.DLL version 1.0.0.0) that comes with Windows 98. This library will cause DLTtools to crash with a "Access Violation", "Reading of address FFFFFFFF" Error.

Fix: Install E-Z SCSI 4.0 or higher.
Replace the wnaspi32.dll version 1.0.0.0 that comes with WIN98 with a version that supports the installed host adapter. The version that comes with E-Z SCSI 4.0 is version 4.01 (978)
3. Opening a log file that has a numeric character as the first character of the name will cause the locate test to crash.

FIX: Never use a number as the first character of a file name.

DISTRIBUTION:

Because of the multiple files, and complexity of the program, this package has been moved to a "install" procedure. The distribution package in a self-extracting program file that contains the full install for a 32-bit environment only. This package may be copied but not its parts.

To expand the package:

1. Create a directory on the system you will be using it on.
2. Copy the file to the new directory.
3. Click on the "START" "RUN" then enter "(local directory)/setup.exe"

The Distribution Program Set (DPS) for DLTtools package can be found under the name DLTTWIN.exe on the WWW and FTP site.

If you need a floppy install write to DLTtools@tdh.qntm.com and ask.

DLTtools package includes the following files after install:

- WINdltools.exe - Main program to view/change data from drive.
- twinrn.PDF - Release notes. This file. PDF format
- IBMinq.dll - handles data returned by an IBM based drive
- OEMinq.dll - handles data returned by a standard OEM drive
- EGU.dll - EEROM Group Update function
- Logpage.bmp - background for log page screen (optional)
- Main.bmp - background for main screen (optional)
- Seldev.bmp - background for device selection screen (optional)
- Selhost.bmp - background for host selection screen (optional)
- Selinq.bmp - background for inquiry main screen (optional)
- Selinq2.bmp - background for inquiry second main screen (optional)
- T_path2.bmp - background for FUP screen (optional)
- TPMwin.PDF - DLTtools Product Manual in PDF format.

The DPS is self extracting program is found at the following locations.

- Quantum Soft Library (member only)
- Quantum FTP Site (<ftp://ftp.quantum.com/utilities/dlttools/>)
- Quantum WWW Site (<http://www.quantum.com>) under software and utilities