These release notes provide information for WinDLG.

The following information is covered in these release notes:

- *Changes for Versions: 1.16 to 1.37*
Version: 1.37
Release Date: 02/27/2020

Changes:
- Description change for Erase and Quick Erase on SMR drives

Version: 1.36
Release Date: 10/23/2018

Changes:
- Maximum detection of physical drive limit moved from 8 to 32

Version: 1.35
Release Date: 08/13/2018

Changes:
- Support for HGST drives: display legacy SMART attribute names for HGST drives. Validation completed and verified that HGST drives are supported.

Version: 1.34
Release Date: 12/20/2017

Changes:
- Fix for Quick Erase (Trim) and Full Erase (Sanitize Device) for SMR drives.

Version: 1.33
Release Date: 04/26/2017

Changes:
- New set of SMART attribute ids for My Passport SSD. Also updated attribute list for HDDs.

Version: 1.32
Release Date: 11/17/2016

Changes:
- Launching WinDlg crashes or OS blue screens when the Acronis virtual driver is present. The driver cannot handle SAT commands to identify the drive. WinDlg now ignores devices named "acronisvbus".
- Closing WinDlg appears to hang when it is re-scanning for devices after certain operations when some USB thumb drives take too long to complete the command. It now displays a dialog with a progress bar.
Version: 1.31
Release Date: 10/11/2016

Changes:
- Do not support new WD SATA SSD with model starting with “WDC WDS”. Proper support is done through the WD Dashboard software from https://support.wdc.com/downloads.aspx?p=279

Version: 1.30
Release Date: 3/25/2016

Changes:
- Fixed a problem that could cause WinDLG to crash when a USB flash drive is connected to the host computer.
- Added support for the TRIM command.
- Modified how devices are opened in order to improve throughput for the Write Zeros option with USB 3.0 drives.

Version: 1.29
Release Date: 6/15/2015

Changes:
- Added support for detecting and ignoring ZAC (Zoned ATA Commands) drives. Now drives discovered via ATA Pass Through are reported as “ATA” instead of “IDE”.

Version: 1.28
Release Date: 9/5/2014

Changes:
- Fixed a problem that caused tests on Windows 8 to fail while testing a TRS drive on an AMD PC.
- Fixed a problem that caused a drive’s volumes to be locked and inaccessible after Quick Test or Extended Test is run.
- Modified the drive discovery code to use SCSI Read Capacity to determine the capacity of USB drives.

Version: 1.27
Release Date: 4/25/2014

Changes:
• Fixed a problem in which the Write Zeros test would fail with a “Delete Partitions error” on Windows XP when a drive has no partitions.

Version: 1.26
Release Date: 3/31/2014

Changes:
• Fixed a problem that caused SMART Attributes to be reported improperly for external drives connected via USB or IEEE 1394 (FireWire).
• Fixed a problem in which WinDlg may display an inaccurate Estimated Time Remaining for the Quick Test or the Extended Test.
• Updated WinDlg’s help.htm and smart.htm files (these are WinDlg’s standard help file and SMART attributes help file) to fix inaccuracies, misspellings, grammar, and reflect changes in how tests operate.
• Updated WinDlg’s icon file: now it embeds 16x16, 32x32, and 48x48 icon bitmaps.

Version: 1.25
Release Date: 2/4/2014

Changes:
• Fixed a problem that caused errors to be reported when you perform Write Zeros on an MBR partition on Windows Vista and later. Added more supported SMART attribute names.
• Modified the installer package (setup.exe) to install and launch WinDlg with administrator privilege.
• Retrieve the Bytes per Sector value from the ATA Identify Device buffer.
• Modified the "no drive connected" error message.
• Modified to support hybrid (SSHD) drives. Also fixed a problem that caused the wrong sector to be overwritten with zeroes when the user selects the repair option after bad sectors are detected while running the Extended Test.

Version: 1.24
Release Date: 4/11/2011

Changes:
• Added support for SAS drive Serial Numbers.

Version: 1.23
Release Date: 12/2/2010

Changes:
• Re-inserted the Cable Test, but removed the read and write I/O operations that it performs.
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Version: 1.22
Release Date: 6/14/2010

Changes:
• Removed the Cable Test operations.

Version: 1.21
Release Date: 4/6/2010

Changes:
• Added support for drives with 4K sectors.
• Errors when writing zeroes to GPT partitions.

Version: 1.19
Release Date: 1/18/2010

Changes:
• Physical drives don’t appear under Windows 7. Previous versions did not address enough products.

Version: 1.18
Release Date: 1/12/2010

Changes:
• Physical drives don’t appear under Windows 7.

Version: 1.17
Release Date: 5/1/2009

Changes:
• Add 64-bit support.

Version: 1.16
Release Date: 4/24/2009

Changes:
• SMART data not displayed correctly when connected through 1394 interface.
• Cable test error reported during quick test.
• Write zeroes test failing for drives with capacities greater than 2.2 TB.
Installation Procedure:

To install WinDLG, double-click WinDLG’s setup.exe and follow the screen prompts. On Windows Vista or later (like Win7, Win8.x and Win10), you may need to right click WinDLG’s setup.exe and select "Run as administrator".