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CANtrace 3.18

This release of CANtrace introduces the new Python scripting functionality. Users can use additional Python scripts inside the program to extend the default functionality of CANtrace. Scripts can be used to create, filter, and modify signals dynamically for different uses. Descriptive example projects are also included in the public CANtrace folder.

The included J1939 database has been updated to use the latest version of J1939 Digital Annex at the time of release. Also support for DM2 and RQST messages and DTC decoding from DM1 and DM2 messages has been added.

Also a number of quality of life improving features and bugfixes has been implemented in this release. Graph tab received an update where now the Y-Axis changes its precision dynamically. In the Trace window signals are now sorted by their start bit, from lowest to highest. Also a bug with duplicate CAN IDs from Primary DBC translation has been fixed for this version.

A bug with uninstalling CANtrace while it's running has been fixed in this version. Before uninstalling CANtrace the program must be completely closed. This ensures that all unnecessary files are deleted in the uninstallation process.

Support for Windows 7 operating system has been ended in this release. Reasoning for this is that Microsoft ended their support for Windows 7 operating system on January 14, 2020.

New and Changed Functionality

- #1848 – Data cursor and Y-axis resolution limited to one decimal
- #2079 – Python Scripting
- #2311 – Display signals sorted by start bit, from low to high
- #2317 – Removed support for Windows 7
- #2319 – Decode DTC from DM1 and DM2 messages using SigType=DTC
- #2377 – Support DM2 and RQST messages in database
- #2433 – Updated J1939 database to use latest Digital Annex

Bugfixes

- #2300 – J1939 demo log file does not open in CANtrace
- #2337 – CANtrace can be uninstalled while running
- #2357 – Empty folder hierarchy created in installation folder
- #2376 – Exception because of duplicate CAN ID from Primary DBC translation