catoolRT 20.12 Release Notes

Changes since 20.9

- Support ETAS BOA2 CANbus devices
- Improved robustness for CANbus devices connected/disconnected during session
- Improved CANbus input/output/XCP status'
- Improvements to extended CANbus message support
- CANbus drivers are now loaded from system DLL not included with installer
- Improved Unicode character support
- Add "Rescale X to Zero" for diagrams
- Add "Parula 2017A", "Kindlmann", "Grey" and "Bone" colourmaps
- Improvements to maximise DAQ performance at high engine speeds with low power (NI cDAQ) hardware
- Enable plugin calculations to be enable/disabled in "Configure Real-Time Analysis"
- Improved engine database saving
- Engine swept and clearance volume displayed in "Edit Engine"
- Beta releases included the SVN and build number in the main window title for easier identification
- Crash report compression and uploading status displayed in status bar if DAQ offline
- Import MTS/A&D CAS combustion data added
- Automatically handle compressed AVL IFiles when loading
- "Cycle Linked Slider" feature allows cycle plot cursor to control global cycle number
- Add Italian (Google) translations
- Force Windows 7 to use TLS 1.2 or 1.3 during sessions with Xarin update server
- Enable waterfall steps size and number of cycles to be saved in project configuration
- Improvements to engine speed calculations
- Improved channel filtering performance
- Change colourmap by right clicking on legend
- Improvements to moving cursor with arrow keys and moving past limits of data
- Fix mixed abscissa drawing invalid points on wraparound
- Add new TLA methods "Polynomial (Smoothed)" and "Slice"
- Fix issue where covering data list headers would freeze window updates
- XCP fixes to support ETAS INCA
- Prevent crashes on configurations with very few number of samples per revolution
- CSV imported with 64-bit resolution
- Improvements to AVL IFile processing
- Fix glitching in sorted diagrams whilst online