catoolRT 18.6 Release Notes

Changes since 18.3:

- Add DLL version in "About" dialogue for Kvaser, Vector and PEAK libraries
- Add XCP correction time in addition to angle
- XCP "10ms" timestamped to cylinder 1 reference
- Add option to reload previous DAQ data when starting application. "Acquisition" -> "Advanced Config" -> "Reload Data At Start"
- Fix adding debug parameter to AK log with "ESPS" command
- Add engine indicated torque in lb.ft units to parameters (TQINDLBFT)
- Fix issue with CAN acquisition using excessive CPU when not connected
- Crash handler collects crash information before opening dialog box
- Channel default filters enabled:
    - Cylinder pressure, FIR low pass 25 kHz
    - Knock sensor, FIR band pass 5-25 kHz
- Add support for Xtreme-DI CA12 hardware
- Set all datalist items font size to same
- Add display update rate/target rate to available parameters ("Target Update Rate")
- Allow LS logging to be started/stopped when DAQ is not running
- Fix an issue where cycle based channels were not recorded on second and subsequent recordings
- Prompt user whether to save a recording when the record button is manually pressed to finish the recording
- Don't recalculate cycle classifications at the end of data acquisition
- Sort channel names correctly on channel selection dialogue (broken in 18.3)
- Force interpolated clock acquisition to always use a 0.05 degree minimum resolution.
- Better acquisition timestamping for more accurate XCP correlation
- Better handle segment sizes that fall on a missing tooth
- Fix an issue where SPEED, CYCDUR, etc channels could be one cycle out after a resync
- Fixed stepped graphics
- Add deactivated cylinder classification, preventing classification as misfire
- Prevent a crash if trying to transmit CAN signal that has been deleted
- Prevent a crash if legend data has been deleted
- Prevent a crash if stats data has not been calculated for a channel
- Improvements to frame update rate calculation