

# ACE Release Notes



## ACE v1.26 has Released

### New Features

- Allow users to compare data captures
  - New tool view accessible from sidebar menu to compare the Waveform and FFT analysis for raw samples
  - Allows users to import exported ACESAMPLE files or externally source custom raw samples files (in supported formats) to compare the waveform and FFT results
  - Allows sample data to be imported without meta data, users can specify required metadata manually
- Added “Complex Tab Separated” file format to vector generator view
- Added Expand/Collapse “All” options to the System Tool View
- Added WriteTraceMessageTransaction which allows plug-ins to supply improved/custom AppTrace messages for improved debug information
- Initialization wizards now contain more customization options for plug-in developers

### Improvements

- Added new DisposableStopwatch for writing blocks of code that auto dispose and record runtime
- Analyzer line series can be configured for plug-in specific requirements
- Updated SplashScreen to include icon and progress indicator
- Updated SDPK1 Recovery Tool to use a progress indicator
- Updated SDPK1 discovery to include a prompt to automatically reinstall the “Standard” ACE Supported firmware when custom firmware is discovered on an attached SDPK1
- Updated plug-in manager to open “Available” filter when a string is searched from the start screen
- Initial updates to start-up load time added, load plug-ins async
- Improved extension load errors to avoid breaking plug-ins if an extension fails to load

### Fixes

- Fixed bug where bindings are not firing for bulk register import
- Fixed bug where preferences/settings can be reset to default values
- Fixed bug where StartAnalysisTransaction would not resolve the correctly if searching for an Analysis Node “child” of the searched object node
- Fixed issue with Python scripts not executing when exported from recorded ACEMACRO
- Fixed AddSpurTransaction bugs
  - Spurs can be edited/removed now also from plug-in code/sequences/remoting etc.
- Fixed bug IIO controller finder not triggered on hardware detach
- Fixed bug where usage logging dialog would not appear, moved the dialog to be the last item to load on start-up
- Fixed bug in session load that could crash a session load transaction when duplicate hardware IDs are found, this is not supported in general, ACE will still attempt to load the session to work around the duplication

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- Fixed bug in Script Manager when script names are not unique
- Fixed bug in Play vs. Play External for IronPython
  - Spacing is still different but the scripts are running in v1.26