

UNIFIEDGUI

Release Notes

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v2.0.0

Release date: 11.11.22

Major

- Decoders: Define receivers directly instead of providing the class name.

Minor

- Log: Make scrollbar automatically scroll down to the last message.
- Added exception handling when errors occur while adding/removing/starting/stopping decoders/encoders.
- Implement custom export.
- Added conversion option in parameters dialogue.

Bugfixes

- Decoders: Fix a bug when editing parameters.
- Parameters: Fixed a bug with uneditable parameters.

v1.0.0

Release date: 12.10.22

Minor

- Added option to make a parameter uneditable.
- Encoders: Refactored sleep times to be more accurate.
- Encoders: Allow for non-uniform sleep intervals.
- Updated templates.
- Receivers: Add drop first x measurements feature.
- PlotView: Add setting for granularity of scrollbar.
- Added custom export option.
- Decoders: Added optional functions when decoder is stopped/removed.
- Decoders: Added pre-processing function.
- Receivers: Added custom sleep time option.
- Transmitters: Added custom sleep time option.

Bugfixes

- PlotView: Fixed multiple issues related to autoscrolling/scrollbar.
- Encoders: Fixed a bug regarding the sleep time between symbols.
- Receivers: Fixed a bug with the listen function.
- PlotView: Fixed a bug with the legend displaying inactive datalines.

v1.2.0-beta

Release date: 05.05.2022

Minor

- PlotView: Added a scroll bar to the bottom that lets the user choose the currently viewed part of the plot more easily.
- Decoder/DecoderView: Added buttons to export decoded symbol values/sequences as `.txt` or `.csv`.
- Decoders: Added option to specify additional datalines for a decoder.
- Encoders: Replaced sleep for the transmission of symbol values to more accurate with regards to timings.
- Menu bar: Added Settings menu to File menu.
- Menu bar: Added Export button to File menu.

Bugfixes

- Slightly changed the transmission of symbol values for better performance.
- Fixed a bug where dialog windows would stay open after the user exited the program.
- Fixed a bug when setting the x range of the plot to a non-integer value.
- Fixed a number of bugs where the size of visual elements was not an integer.

v1.1.0-beta

Release date: 25.04.2022

Minor

- Decoders: Allow for a restart of the decoder after it has been stopped (all data will be cleared).
- DecoderView: Added a status display for the decoder at the bottom.
- DecoderView: Added a clear button in the decoder toolbar.
- DecoderView/EncoderView: Slight visual changes.
- Decoders: Allow user to specify the x range (default) settings for each decoder individually.
- Plot settings: X range settings are now stored after the program is closed.
- PlotSettingsDialog: Moved step size option to datalines tab.
- PlotView: Slight visual changes.

Bugfixes

- Fixed a bug when stopping/removing a decoder.

v1.0.0-beta

Release date: 21.04.2022

Major

- Encoders: Added encoder functionality — see `Docs/UnifiedGUI.pdf` for detailed information. Added Encoder view to the main view.
- Decoders: Replaced `PARAMETERS` constant by `get.parameters` function.
- Settings: Refactoring of `Settings.py` into `SettingsStore.py` to allow access from all modules without needing a reference to an object.

Minor

- DecoderView: Slight visual changes.
- Live plot: Added the option to adjust the grid of the live plot.
- Live plot: Added the option to adjust the step size of data points drawn in the live plot.
- Menu bar: Added link to release notes PDF to the help menu.

Bugfixes

- DecoderView: Fixed a bug where the subtitle label would not update after removing a decoder.
- DecoderView: Set parameters table to read-only to avoid inconsistencies.

v1.0.0-alpha

Release date: 03.03.2022