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Permobil Tool Dll

Release Notes

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1 Permobil Tool Dll

1.1 Changes between release 1.5.0.0 and 1.6.0.0

1.1.1 Improvements

- Fixed UI memory leaks.
- Improved speed of programming through bootloader.

1.2 Changes between release 1.6.0.0 and 1.7.0.0

1.2.1 Improvements

- The automatic emails no longer contain the log files.

1.3 Changes between release 1.7.0.0 and 1.8.0.0

1.3.1 Bugs

- The info control group was not properly initialized if more than 2 columns needed to be drawn.

1.3.2 Improvements

- Added a general serial port handler.
- Added version of PermobilToolDll.dll in log file.
- Moved RnetDongleName from ConnectionHandler to PortSettings.
- Added Permobil brushes and pens.
- Changed PermobilLine from PermobilLabel to PermobilButton to be able to control the color of the line.

1.4 Changes between release 1.8.0.0 and 1.9.0.0

1.4.1 Bugs

- The sectors to erase were incomplete when programming the master.

1.4.2 Improvements

- Updated the master and mode programming methods.

1.5 Changes between release 1.9.0.0 and 1.10.0.0

1.5.1 Bugs

- Redrawing a label textbox resulted in some labels being disposed.

1.6 Changes between release 1.10.0.0 and 1.11.0.0

1.6.1 Improvements

- Tooltips on right click only when setting TouchScreen is active.
- Disabled right clicking on minimize, maximize, full screen and close.
- The PermobilConnectivityForm closes as soon as a port is selected and opened.
- Added language support.
- Added uncheckable checkboxes to show options that are not available.
- Updated PermobilProgressForm so that it can have multiple titles.
- Input dialog forms can now have multiple titles.

1.7 Changes between release 1.11.0.0 and 1.12.0.0

1.7.1 Bugs

- Checkboxes were not using the new font when redrawing.

1.7.2 Improvements

- Implemented a logging thread and buffer in the LogHandler.

1.8 Changes between release 1.12.0.0 and 1.13.0.0

1.8.1 Bugs

- When maximizing the application and then dragging the borders to make it smaller, the application was still in maximized state and trying to maximize again set the size back to original.
- Sub forms could still be closed by right clicking on the 'close' icon.

1.8.2 Improvements

- Common handling for manual and language icons in top menu.
- Tooltips of checkboxes are now also applied to the box and not just to the text.

1.9 Changes between release 1.13.0.0 and 1.14.0.0

1.9.1 Improvements

- Labels now have English text property for logging.
- Different way of handling the log files and emails.

1.10 Changes between release 1.14.0.0 and 1.15.0.0

1.10.1 Improvements

- Added setting to log FTDI as ASCII.

1.11 Changes between release 1.15.0.0 and 1.16.0.0

1.11.1 Bugs

- The serial port was not closed properly if deselected, if communication was made over that port.

1.11.2 Improvements

- The ports are rescanned when opening the connectivity form.
- The application will inform the user and close if run from a server location.

1.12 Changes between release 1.16.0.0 and 1.17.0.0

1.12.1 Bugs

- The F5 configuration file had a different section called "Corpus" which was ignored while reading and writing. Now all section except "Info", "SystemSettings" and "WheelchairDefinition" are handled.

1.12.2 Improvements

- Implemented generic methods, delegates and classes.
- Enabling the sign button of numeric input forms is depending on the provided minimum value.
- Implemented string formatting in LogHandler.Log method.
- Using stacktrace to get the name of the class that is calling the log method.

1.13 Changes between release 1.17.0.0 and 1.18.0.0

1.13.1 Improvements

- Only keeping the 100 most recent log files in the history folder, which results in maximum 10MB of history.
- The scroll panels scroll smoother now without lagging.

1.14 Changes between release 1.18.0.0 and 1.19.0.0

1.14.1 Bugs

- The function type ID's from the WheelchairDefinition section in ICS3 configuration files also needed to be read and written.
- The RnetSerialHandler failed to connect to the serialport on first opening of the port.

1.14.2 Improvements

- Some other xml errors in ICS3 configuration files are now also handled.

1.15 Changes between release 1.19.0.0 and 1.20.0.0

1.15.1 Improvements

- The FTDI handler is closed when ICS4 is not selected as communication port.

1.16 Changes between release 1.20.0.0 and 1.21.0.0

1.16.1 Bugs

- The PermobilConnectivityForm created a null reference exception when deselecting the ICS4 port.
- The WheelchairNode Equals method was incorrect when comparing to null.

1.17 Changes between release 1.21.0.0 and 1.22.0.0

1.17.1 Improvements

- Implemented proper desktop docking of the application.

1.18 Changes between release 1.22.0.0 and 1.23.0.0

1.18.1 Bugs

- Initialize connection handler after adding FtdiHandler events, otherwise the first FtdiHandler not connected event is missed.
- Running from a USB drive was broken.
- No more history log files.

1.18.2 Improvements

- Center content option for selection forms and check box groups.
- Changed the maximize and full screen icons.
- No more history log files.

1.19 Changes between release 1.23.0.0 and 1.24.0.0

1.19.1 Improvements

- New translation system.
- Labels now show '...' when text does not fit completely.
- Configuraiton files that contain '\b' characters are now also handled.

1.20 Changes between release 1.24.0.0 and 1.25.0.0

1.20.1 Bugs

- The translation file for config files contained incorrect translations.

1.20.2 Improvements

- Tab panels that have not been activated yet, are not redrawn yet when resizing the application.

1.21 Changes between release 1.25.0.0 and 1.26.0.0

1.21.1 Improvements

- UI improvements.

1.22 Changes between release 1.26.0.0 and 1.27.0.0

1.22.1 Bugs

- If the app data folder could not be created when running from a not supported drive, the application crashed because the log handler was trying to access the log files folder.

1.22.2 Improvements

- UI improvements

1.23 Changes between release 1.27.0.0 and 1.28.0.0

1.23.1 Bugs

- An exception was thrown sometimes when disconnecting an FTDI while scanning for devices.

1.24 Changes between release 1.28.0.0 and 1.29.0.0

1.24.1 Bugs

- There was a rounding issue when reading and writing floating numbers.

1.25 Changes between release 1.29.0.0 and 1.30.0.0

1.25.1 Bugs

- Scaling was inproperly modified in release 1.29.0.0.

1.26 Changes between release 1.30.0.0 and 1.31.0.0

1.26.1 Improvements

- Updated def and txt file classes for Wheelchair Programmer.

1.27 Changes between release 1.31.0.0 and 1.32.0.0

1.27.1 Improvements

- Zip files are now created using optimal compression.

1.28 Changes between release 1.32.0.0 and 1.33.0.0

1.28.1 Improvements

- Handling also French and Swedish versions of some config file exceptions.

1.29 Changes between release 1.33.0.0 and 1.34.0.0

1.29.1 Improvements

- The default settings file is used and saved if the existing settings file could not be read due to an exception.

1.30 Changes between release 1.34.0.0 and 1.35.0.0

1.30.1 Bugs

- The text of a Permobil label was not retrimmed after certain redraws.

1.31 Changes between release 1.35.0.0 and 1.36.0.0

1.31.1 Bugs

- The text of a Permobil label was not retrimmed after certain redraws when setting the Text property instead of the Translation property.

1.32 Changes between release 1.36.0.0 and 1.37.0.0

1.32.1 Improvements

- Added a property to the regex textboxes to not use colors.

1.33 Changes between release 1.37.0.0 and 1.38.0.0

1.33.1 Improvements

- Improved RnetHandler read and write thread.

1.34 Changes between release 1.38.0.0 and 1.39.0.0

1.34.1 Improvements

- No longer sending the log files as emails when not running from the C drive.

1.35 Changes between release 1.39.0.0 and 1.40.0.0

1.35.1 Improvements

- Implemented database handler.
- Support for production history folder on US server.

1.36 Changes between release 1.40.0.0 and 1.41.0.0

1.36.1 Improvements

- The copy file method does not delete the file first anymore.

1.37 Changes between release 1.41.0.0 and 1.44.0.0

1.37.1 Improvements

- Completed Dutch translations.

1.38 Changes between release 1.44.0.0 and 1.45.0.0

1.38.1 Improvements

- Updated ToString() method of WheelchairNode.

1.39 Changes between release 1.45.0.0 and 1.46.0.0

1.39.1 Improvements

- Ctrl-V (paste) is now enabled on input forms.

1.40 Changes between release 1.46.0.0 and 1.47.0.0

1.40.1 Bugs

- The unzip extension method was case sensitive.

1.41 Changes between release 1.47.0.0 and 1.48.0.0

1.41.1 Improvements

- Added Environment.NoLogging.

1.42 Changes between release 1.48.0.0 and 1.49.0.0

1.42.1 Improvements

- Minor improvements..

1.43 Changes between release 1.49.0.0 and 1.50.0.0

1.43.1 Improvements

- Verifying of database connection, if required, is now done at beginning of initialization.

1.43.2 Bugs

- A sequence TLV has identifier 0x30 instead of 0x20.

1.44 Changes between release 1.50.0.0 and 1.51.0.0

1.44.1 Improvements

- Translation is updated
- Minor changes to Urib2 interface

- Item number for Led light and AIM is added
- Added feature to support ICS Led light production tool

1.44.2 Bugs

- Updated r-net interface

1.45 Changes between release 1.51.0.0 and 1.52.0.0

1.45.1 Improvements

- Serial number settings for facelift of F3, F5 and F5 VS is added
- Seat types F5II and F3II is added to be able to separate facelift from old F3/F5/F5 VS versions
- Support to create first time pass yield based on production data added

1.46 Changes between release 1.52.0.0 and 1.53.0.0

1.46.1 Improvements

- Support for actuator Re406 with NodeTypeId 11
- Extended support to handle old config files
- Improved robustness for reading history settings from wheelchair
- Extended logs in local file during production tests

1.47 Changes between release 1.53.0.0 and 1.54.0.0

1.47.1 Improvements

- Item number for luggage box to support production of rear lights added.
- Chassis type id for M-facelift added.

1.47.2 Bugs

- Correction in logging when config files using old format is found.
- Cases shall be ignored when comparing old node type name with new.

1.48 Changes between release 1.54.0.0 and 1.55.0.0

1.48.1 Improvements

- Item number for front light with E-mark added.

1.49 Changes between release 1.55.0.0 and 1.56.0.0

1.49.1 Improvements

- Added support for NodeTypeID=12.

1.50 Changes between release 1.56.0.0 and 1.57.0.0

1.50.1 Improvements

- Item number for front and rear lights added

1.51 Changes between release 1.57.0.0 and 1.58.0.0

1.51.1 Improvements

- Added nodetype 12
- Added extraSmall font type
- Added support for Linak LA42 firmware and calibration
- Added support for ICS3 ARM proccessor