

3.4.0B2

20.06.25: Verbesserungen:
- für Nano wird auch ein serieller Treiber mit Namen "Seriell
USB-Gerät" unterstützt, deutsch version für "USB Serial Port" hinzugefügt
- Erzwingen der Installation der vordefinierten
Bibliotheksversion von FastLED
Fehlerbehebungen:
- Problem behoben, dass der Simulator mit neueren Execl
Versionen nicht startet

3.4.0A

29.05.25: Verbesserungen:
- Misha's Erweiterungen, um Led-Kanalauswahl mit Multiplexer
Makro zu ermöglichen
- einige Prüfungen für Pico-Plattform hinzugefügt
- experimentelle Lichtsensor Unterstützung für Pico-Plattform
(LDR)
- Hilfe-Link im PatternConfigurator angepasst
Fehlerbehebungen:
- Fehler bei Export in Datei Problem „Fehler... beim Speichern
einer MLL-Datei (.pgf)“ siehe [viewtopic.php?t=134](#)
- Last rebuild failed - Tastendruck erforderlich siehe
[viewtopic.php?t=182](#)
- Fehlermeldung beim Erstellen einer Pushbuttonfunktion siehe
[viewtopic.php?t=193](#)
- Fehlermeldung bei Random-Befehlen siehe [viewtopic.php?t=161](#)
- Fehler beim Kopieren von versteckten Blättern behoben siehe
[viewtopic.php?p=1538](#)
- Fehler beim Kopieren von Blatt zu Blatt behoben

3.3.2G

23.04.25: - add FastLED revive and fault display feature
- improve ESP32 startup time
- limit ESP32 RMT channels to 6
- improve counting and display of freezes/delays
- remove limit ESP32 RMT channels
- fix bug with wrong send buffer size for SEND_INPUTS
Siehe auch die neue Version 3.4.0

3.3.2E

18.12.24: - fix issue: "ESP32 and hieroglyphics for MLL time" To-Dos#20
- reset the ESP32 watchdog while in color-test loop
- for Pico change DCC_SIGNAL_PIN from 22 to 28, DCC_SIGNAL_PIN
may also be set externally

3.3.2C

22.09.24: - Added the "#define USE_SX_INTERFACE" line back to modul M06_Write_Header. For some readins this line has been removed from 3.3.2 to 3.3.2C. It is important to use Selectrix

- change to beta 3.3.2C
- LEDs_AutoProg.ino: Changed the selectrix pin definitions:
#define SX_SIGNAL_PIN 13 // 22.09.24: Old: 4
#define SX_CLOCK_PIN 4 // 22.09.24: Old: 13

Now they should work with the ESP32 Adapter and the new ESP32 mainboard

- Attention: With FastLED version 3.4.0 the WS2812 LEDs sometimes flash when quick changes to the locomotive speed are made. With version 3.6.0 and higher this no longer occurs.

3.3.2B

10.03.24: - add SI_LocalVar to predefined system variables
- add replacement of "\$" in macro arguments
<https://www.stummiforum.de/t165060f7-MobaLedLib-LEDs-Servos-Sound.html#msg2643729>

- force a rebuild if ALT key is pressed
- empty compiler cache if last ATmega build failed

<https://www.stummiforum.de/t222466f195-MobaLedLib-Arduino-Upload-geht-nicht.html#msg2649211>

- import latest version of GetLocalOneDrivePath script from <https://gist.github.com/guwidoe/038398b6be1b16c458365716a921814d>

3.3.2A

29.12.23: - keep active sheet on Update_All_Start_LedNr function exit
18.01.24: - new function SafeChDriveAndDir with Additional check for network drives (#11425)
19.01.24: - improved selection of old prog generator filename when updating to new release/beta

- add experimental support of LNet for ESP32

20.01.24: - fix LastFilledRowIn_ChkAll

- fix detection of first RGB_Heartbeat line while import
- change release to beta 3.3.2A

3.2.1A

04.11.22 fix SwitchC issue with ESP32

3.2.1B

20.12.22 add missing code for old "slow" build
21.12.22 fix issue that AVR build fails caused by vbcr in LEDs_Autoprog.h
-> replace by vbcrlf

3.2.1C

21.12.22 add missing macros InCh_to_LocalVar, InCh_to_LocalVar1 and Bin_InCh_to_TmpVar1 to sheet Lib_Macros

05.01.23 Store_Status: support SwitchB, extend max. InCnt to 63, check max InCnt, use Set_Input for SwitchB

14.01.23 Add macro SingleLedSignal and SingleLedSignalEx

3.2.1D

10.03.23 Support of new input type "feedback"

10.03.23 process CAN messages from ATTiny_CAN_GBM module

10.03.23 new macro include to include excel sub sheets

10.03.23 experimental support of ProgGenerator stored in a Onedrive folder

21.03.23 if SEND_INPUT is enabled also SwitchA, SwitchD and Variable changes are notified

09.04.23 GEN_BUTTON_RELEASE mode are now setable in config sheet

18.04.23 Finalize include sheet feature

26.05.23 fix issue that AVR build fails caused by vbcr in LEDs_Autoprog.h
-> replace by vbcrLf

3.2.1E

18.05.23: - LNet support for Arduino platform added

13.09.23: - Hardi: Merged Hardis changes for the Word Clock

Added OutCnt to the MLL Extentions

Don't generate warning if "Pattern" macro is found

Added define COPYLED_OFF and COPYLED_OFF_ONCE

3.2.1F

15.09.23: - New Macro Set_LEDNr added

18.09.23: - New Macro CopyNLEDs added

20.10.23: - Juergen: fix #10763

23.10.23: - Juergen: revert one of Hardis changes - fixes problem #10 reported by Nessie

3.2.1H

29.11.23: - Hardi:New Icons from Michael

3.2.1I

30.11.23: - Hardi: Added Juergens changes again

3.2.1J

04.11.23: - Juergen: fix #10159 - fastbuild.cmd has wrong Unix line ending

04.12.23: - Juergen ensure that included sheet uses same protocol as the main sheet

09.12.23: - Juergen add experimental support of ATmega328PB
- enable bootloader update without need to set jumpers
(Mainboard version \geq 1.8.2)

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