



Eleventh Community Meeting Arduino ESP32 Core

29/06/2023





Content

- *Meeting Rules*
- **Development Updates & Plans**
 - version 2.0.10 release
 - status update & releases plans of version 3.0.0
 - including status of support ESP32-C6 & ESP32-H2 (requested by Community)
- **Community topics**
 - Issues - Diagnostic report
 - PR: Secrets draft
- **Open Discussion**

Community Meeting Purpose



BRING MORE
TRANSPARENCY



COLLECT VALUABLE
FEEDBACK FOR
DEVELOPMENT



IMPROVE USER
EXPERIENCE



ANSWER AND
ADDRESS COMMUNITY
REQUESTS

Meeting rules

- *Polite and friendly environment*
- *Consider different knowledge levels of the participants*
- *If you have any comments or questions, don't hesitate to ask*



Development Updates

Upcoming release [2.0.10](#)

- based on ESP-IDF v4.4.5 (last planned bug fix release)
- 2.X.X versions are design freeze
- Release - middle of July 2023



Development Updates

3.0.0 release updates

- [Roadmap](#) – tasks to Backlog
- [Overview of ESP-IDF 5.1 Support \(Peripherals\)](#)

In Review: Ethernet RMII, UART, USB

In Progress: I2S

To-Do: Allow usage of blocked GPIOs

- **Initial support of ESP32-C6**

Branch "[esp32c6-support](#)" - not ready yet

Overview of support is available [here](#)



Development Updates

3.0.0 release plans

- **First Release candidate (alpha)**

Planned date - 2nd half of July

Include initial support for ESP32-H2 & ESP32-C6 - working peripherals

- **Next releases candidates (To be defined)**

Adding new features

support of Zigbee and Thread

Community Topics



Issues - Diagnostic report

developed by @me-no-dev

[Print full chip report when log level is sufficient](#)
[#8282](#)

- Should help with issue solving thanks to providing most important info



Draft: secrets #8310

developed by @PilnyTomas

[Draft: secrets #8310](#)

Why?

- DRY (Don't Repeat Yourself) - having your passwords in one place is more manageable than changing them manually in each example, or new sketch
- Secure - safely share the code without worrying about accidentally leaving WiFi credentials
- To-Do: change implementation to remove `#include "secrets.h"`
- Extra: pre-commit hook scanning secrets and removing from code

Open Discussion



Next Community Meeting Invitation

- Thursday – 31.8.2023 at 4 pm (GMT+1 time zone)



Thank you !

