ESPRESSIF

First Community Meeting Arduino ESP32 Core

28/04/2022

✓ Espressif Introduction

✓ Development approach & updates

✓ Community topics

✓ Open Discussion

Espressif Introduction

- Community Meetings purpose
- Proposed topics process
- Brief Team Introduction
- Issues tracker Cleanup
- Sprints Meetings notes
- Project Public Roadmap

Community Meeting Purpose

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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 want to share your opinion, please use* **„Raise Hand"** *function*

Brief Team Introduction

Team size timeline

- End of 2020 – 2 persons in the Team

- 2022 – 7 persons in the Team

Team Members

- Senior Developers - @me-no-dev & @SuGlider

- Junior Developers - @PilnyTomas & @P-R-O-C-H-Y

- Community and Documentation - @pedrominatel

- Product Manager - @rftafas

- Project Coordinator - @VojtechBartoska

Issues tracker Cleanup

Goal: Be able to provide better Feedback to Users by improving Issue solving

- Stale Bot removed

- Issues sorted and some are waiting for retesting with 2.0.3 version

- Some outdated issues cleaned (sorry for spam)

- Improve our Internal process to solve issues (Labelling, area Maintainers)

- Discussion function added to the repository for other topics

- Added label "[Status: Community Help needed](#)"

Sprint Meeting Notes

- Fresh updates from our Internal Development

- Sprint Meetings every 2 weeks

- Meeting notes available [here](#)

Project Public Roadmap

- Our Development is located only on GitHub

- Roadmap is updated on daily basis

- You can have clear idea what is in the Backlog and in particular Releases

- Any issue at the Backlog can be picked by Community Users

Public Roadmap is available [here](#).

/02 Development Approach & Updates

- Development approach explanation by Ricardo
- **V2.0.3 stable** will be released in few days

2 missing issues:

Error: Expected ')' before numeric constant

INADDR_NONE leads to compilation error in Arduino

/03 **Community Topics**

- Proposed by Users

Documentation

proposed by @Xylopyrographer

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- Explain our approach and current [Documentation Roadmap](#)

- How we document APIs and why ([API Docs](#))

- Missing sections (what can be added)

Original topic proposal

Xylopyrographer 10 days ago

It would be good to prioritize documentation of the ESP32 versions of the Arduino API's. A number of the ESP32 versions are supersets of the stock Arduino ones documented on their site. WiFi, Bluetooth, I2C, Timers, are ones that come to mind.

Just as importantly is the need to document the sequence of calls to achieve a desired result. Things like what needs to be set up before a .begin() call? What can be changed after a .begin()?

Pin assignments. How does one set up a bus based customer pins? Or clock frequency? What is the correct sequence of calls to initiate? How do I know if the IO MUX has set things up to be hardware configured? Things like that.

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Thank you !