RIOT

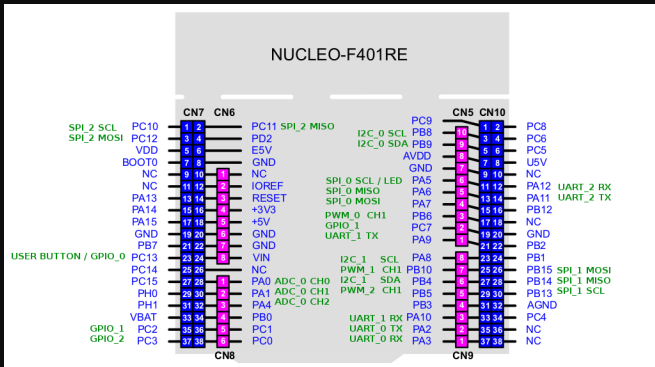## Open-Source programming

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Task

- Add support for board Nucleo-F401RE
- MCU family already supported
- Create pinout mapping
- Document changes

Work done

- Changes in local repository
- Minor changes to MCU support
  - Added support for internal oscillator
- Created default pin/peripheral mapping
  - Be compatible with Arduino extension connector / extension boards
- Documentation of pinout mapping
- Wiki page describing board

Results

- Response from project member
- Changes not yet accepted
- There were errors in coding standard
- One SPI pin conflicts with on-board LED
  - reason is to be compatible with Arduino extension connector
  - this was discussed with project member

Community

- Good & early response from project member
- Communication using pull-request on Github page
  - Other developers can comment specific line codes
- Active development of new features
- Active discussion on mailing list

Thank you!