OBCSW sub-team

End-of-semester Meeting Presentation

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In Progress

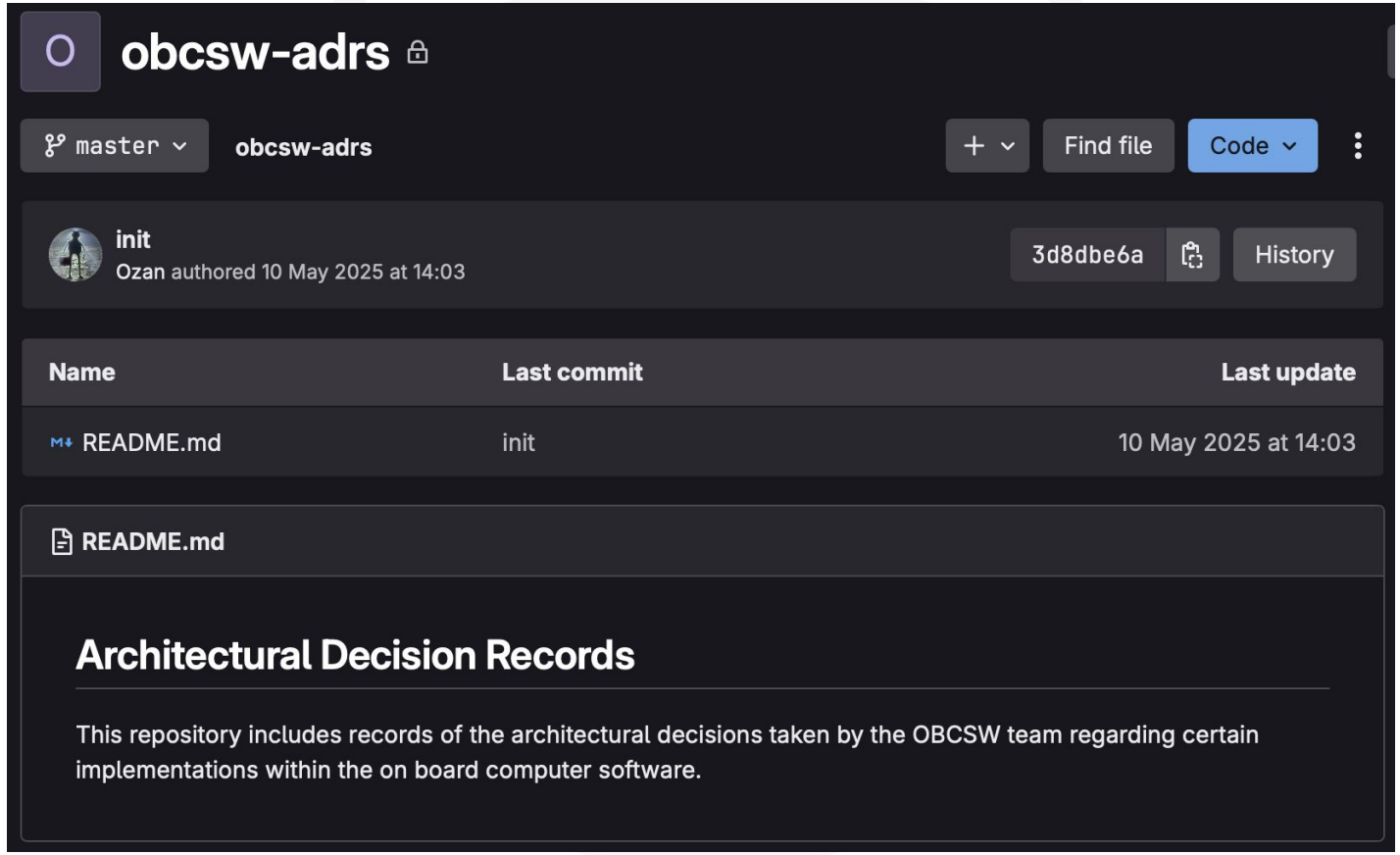
Backlog

Status as of today

- Experiments (ongoing development):
  - NanoProp
  - SEUD
  - CUBES
- Bugs that must be fixed:
  - macroTC bug (kth-mist/obcsw#180) (needs to be verified by FT team)
- Additional functionality that needs to be implemented:
  - add more TM queues (kth-mist/obcsw#155)
  - be less dependent on SD card (kth-mist/obcsw#220)
  - configurable real time HK bursts (kth-mist/obcsw#227)
  - Implement persistent TC queue (kth-mist/obcsw#148)
- Additional functionality that is nice-to-have:
  - unit test coverage (kth-mist/obcsw#230)
  - elveti real time HK visualization

New approach with architectural decisions

- A repository to keep the records for architectural decisions regarding OBCSW (https://gitlab.com/kth-mist/obcsw-adrs)



Summer plans

- Main focus will be given to finish up the interfaces for the experiment tasks: NanoProp, SEUD & CUBES

- Current limiting factor within OBCSW: Not enough number of senior members

Q&A

Thank you!

Any questions?