Dronecode Platform & Strategy: August 7, 2018

http://discuss.px4.io/t/dronecode-platform-strategy-august-7-2018/7351

Agenda

- 30min update from projects and working group leads
- General Q&A

Updates from Project

Every project answers the following questions in 5min max:

- What did you work on last week?
- What are you working on this week?

Dronecode SDK

- C++ is fairly stable
    - On going documentation for Linux and macOS
- Swift wrapper is making progress for 3DR integration
    - Calls are non-blocking
- Python is on-progress
- Java no maintainer, back of the queue
- Contributors needed for continuous integration and Java wrapper
- Action: seek contributors
- Code gen
    - Write templates for front end
    - Write templates for backend
        - Longer term
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Avoidance

- Testing with multiple real sense, and auto exposure, fixed lots of mechanical issues with airframe
- Martina did great progress on architecture

Test

- Action: begin SDK testing planning

QGC

- UX designer working on QGC
- Preparing 3.4 release
- Preparing iOS release
- Minor fixes
- Lots of small problems that are out of the way
- Action: ping Don for release notes
- Adding lots of support for cameras and autopilots in 3.4

PX4

- Lots of work on CI system for more work on parallel
    - Hardware testing
- POSIX convergence

MAVLink

- Work on-progress for documentation and website
- Action: ask in MAVLink call about a meetup in Vegas
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Messaging

- Eprosima and Nuno got lots of issues out of the way
- Next steps
    - Work on docs
    - Make it easy to get started

General Q&A