

Bitcraze future

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BAM days
21 October 2021



External and internal vision



“We create open platforms that enable people to explore the world of robotics”

- Being open
- Feeling passionate about what we do
- Working with customers we like
- Creating the workplace we want



The way we work



- Self organizing
- We are the sum of the team members
- Fun Fridays
- Resolution of goals
 - 3 years
 - 1 year
 - 3 months
 - 3 weeks



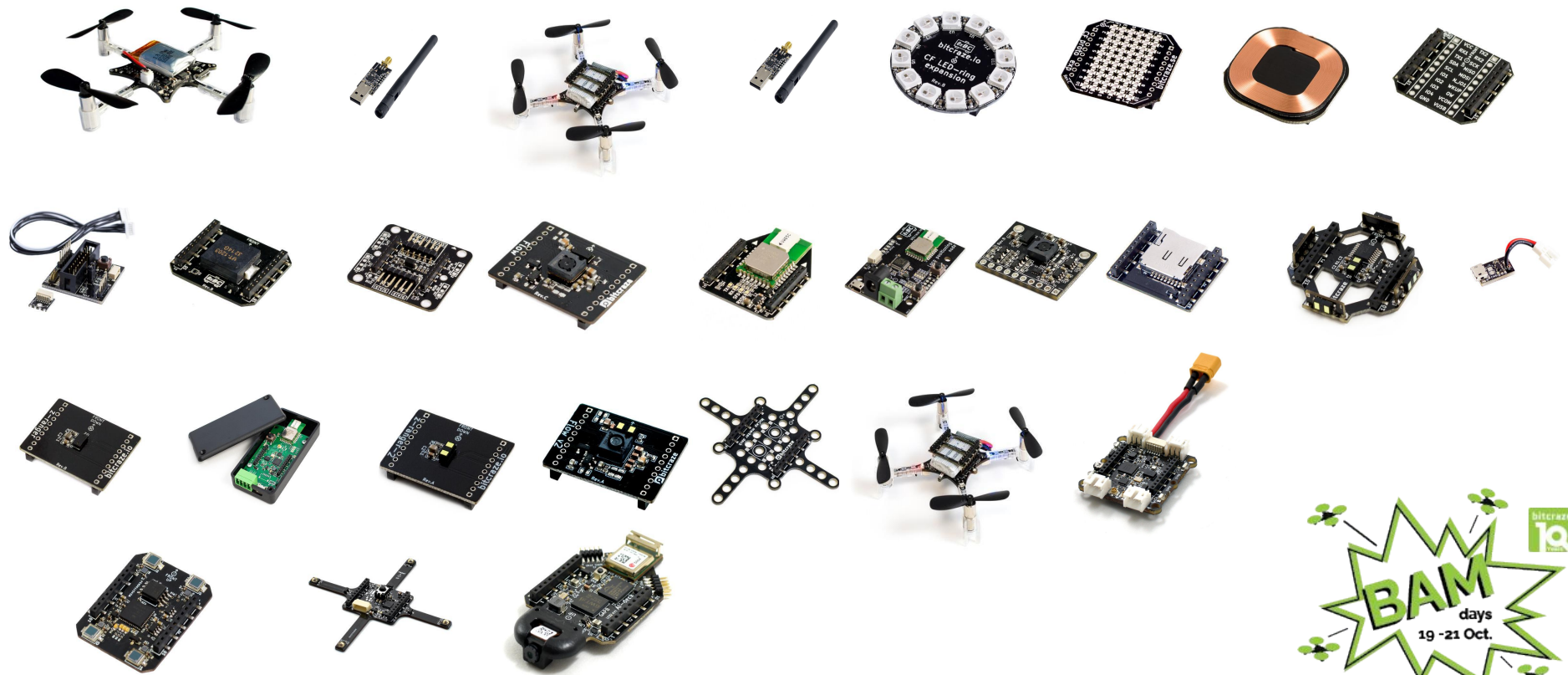
Working towards a goal



- No deadlines, instead directions and goals
- Makes us very agile, but hard to commit to external dependencies
- Derailing always happens

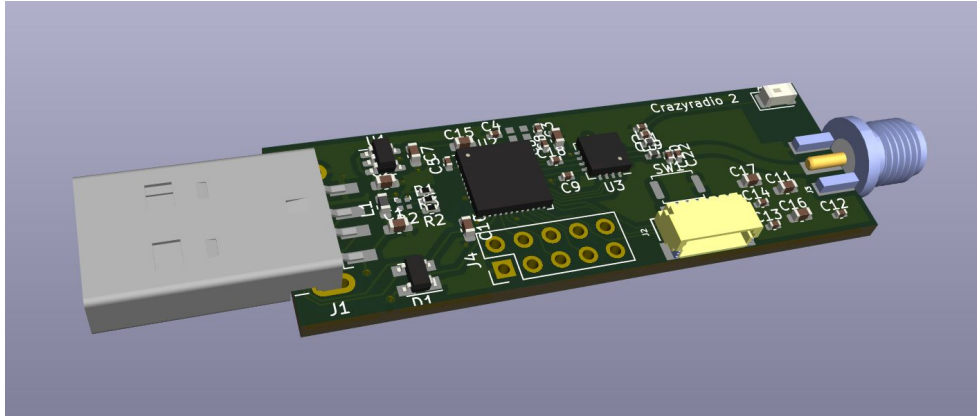


Lots of things getting done!



bitcraze Awesome Meetup Days

What we're currently working on

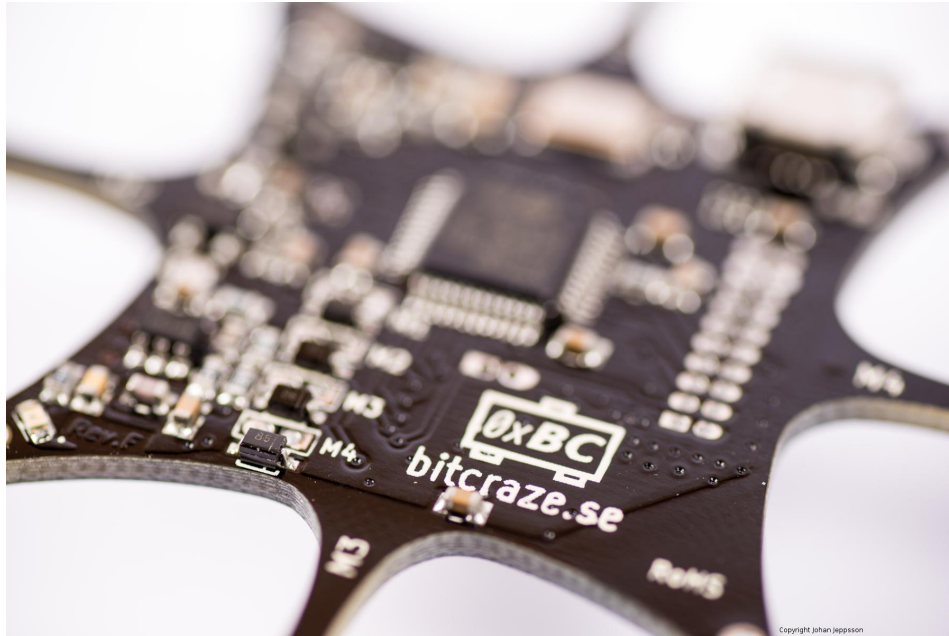


- Improved stability and usability
- Getting AI-deck out of early access
- Getting BQ/Bolt out of early access
- Crazyradio 2.0 prototype

Future ideas



Upgraded platform



- Initially 70-80% resources free
 - Started using the CCM to free up SRAM
 - Getting closer to the limit and we want users to have room to grow
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- Looking at upgrading to STM32H7, still deciding which one
 - Includes both Crazyflie 2.1 and Crazyflie Bolt



Improving functionality, usability and stability



- Lots of great features, but some are hard to use, not well documented or not complete
- Usability
- Stability
- Completing functionality



Widening our ecosystem



- More payload and longer flight time
- Mixing different types of robots
- Larger Crazyflie based on Bolt
- Brushless Crazyflie
- Ground robot

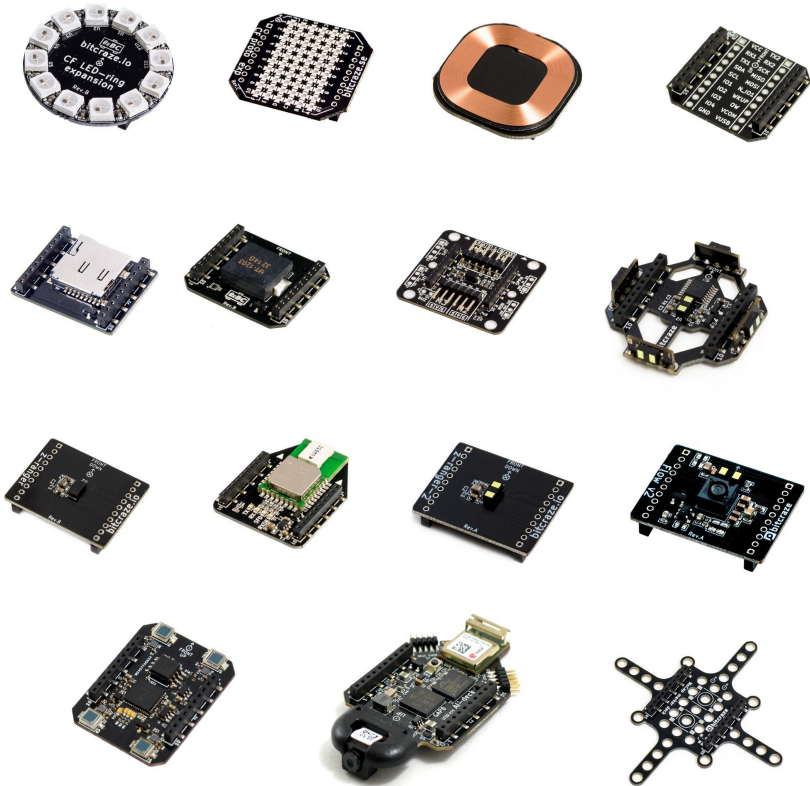
Working together with the community



- It's interesting and a lot of fun!
- Where's research heading and what support is needed?
- Our community doesn't always know if their work can be merged
- Bigger changes are hard to contribute
- Working more in the open
- Meeting online more
- Talk more about direction
- Showing more prototypes



More decks!



- New exciting hardware coming out, how do we deliver the functionality to the community
- Using the expansion port!

We will continue to explore new technology and try to integrate it into the Crazyflie eco-system

