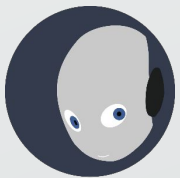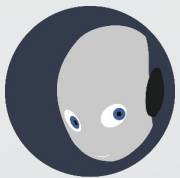15.04.2018
Christoph, Ludwig, Luis, Vincent
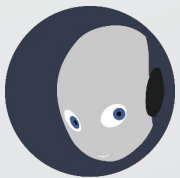
WHAT WE WANTED

- Object detection

- Roboy highlights objects

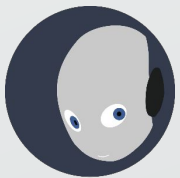- Roboy communicates with user about specific objects

WHAT WE DID

- Tracking the laser-pointer's position with image processing

- Controlling and building a mount for the laser-pointer from scratch

- WiFi Communication to the laser-pointer mount

- Model to transform the laser-pointer position to movements of the laser-pointer mount
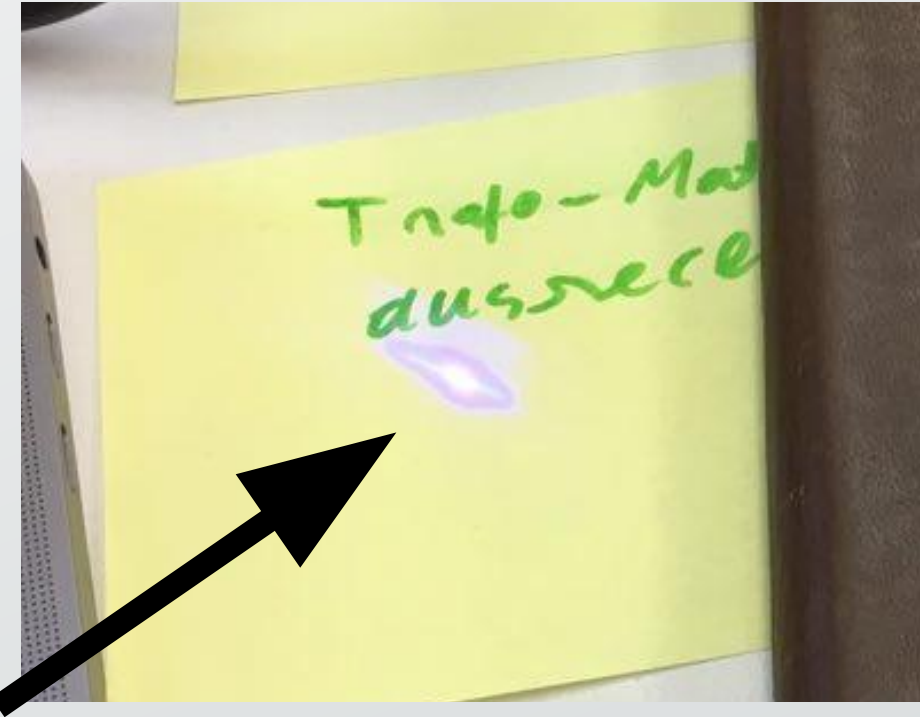
ROBOY.ORG

WHAT WE LEARNED

- Do not trust third party libraries

- Be careful with lasers! (especially when tweaking them)

- Servos can smell quite bad

- Theory from class can be useful
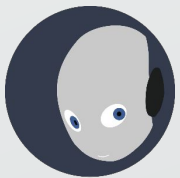
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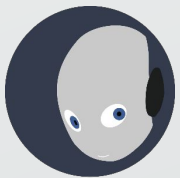
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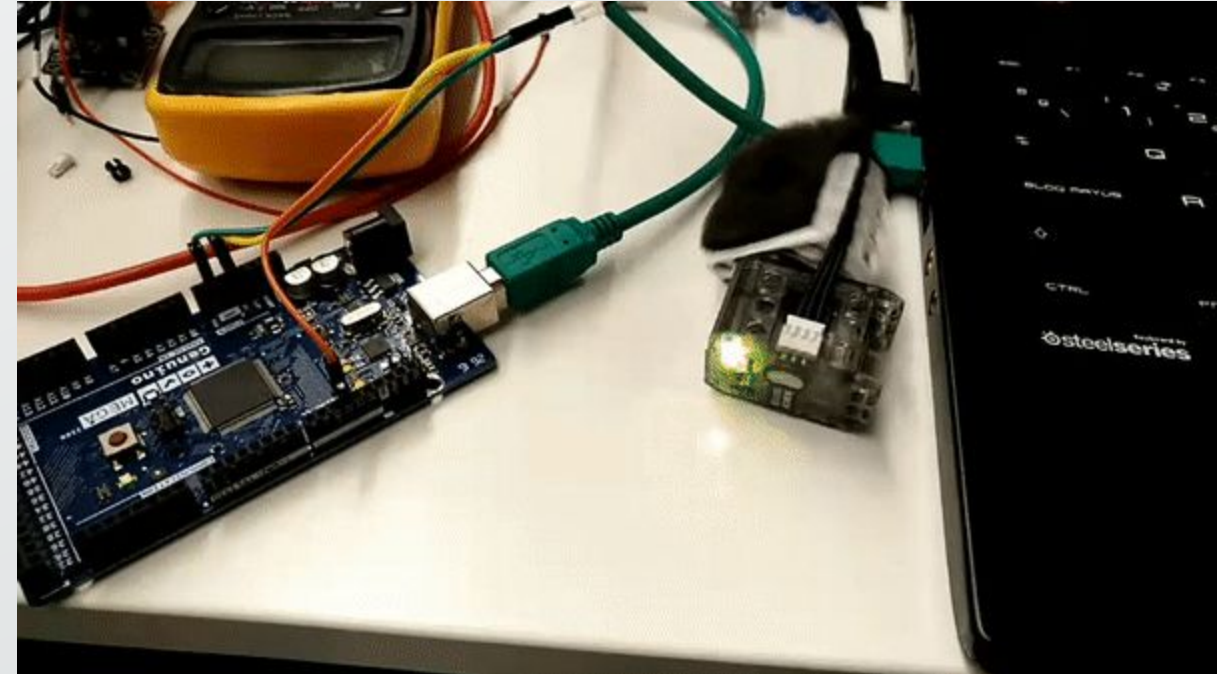
Black hole incoming!

WHAT WE LOVED

- Random servo movements and flashing lights

- Playing with Legos

- The team

- The people around

- Free food

ROBOY.ORG

DEMO