

ARDUINO, MYO, CORTANA - WITH JS

BENDER-FIVE

IOT IS THE NEXT BIG THING

Everybody

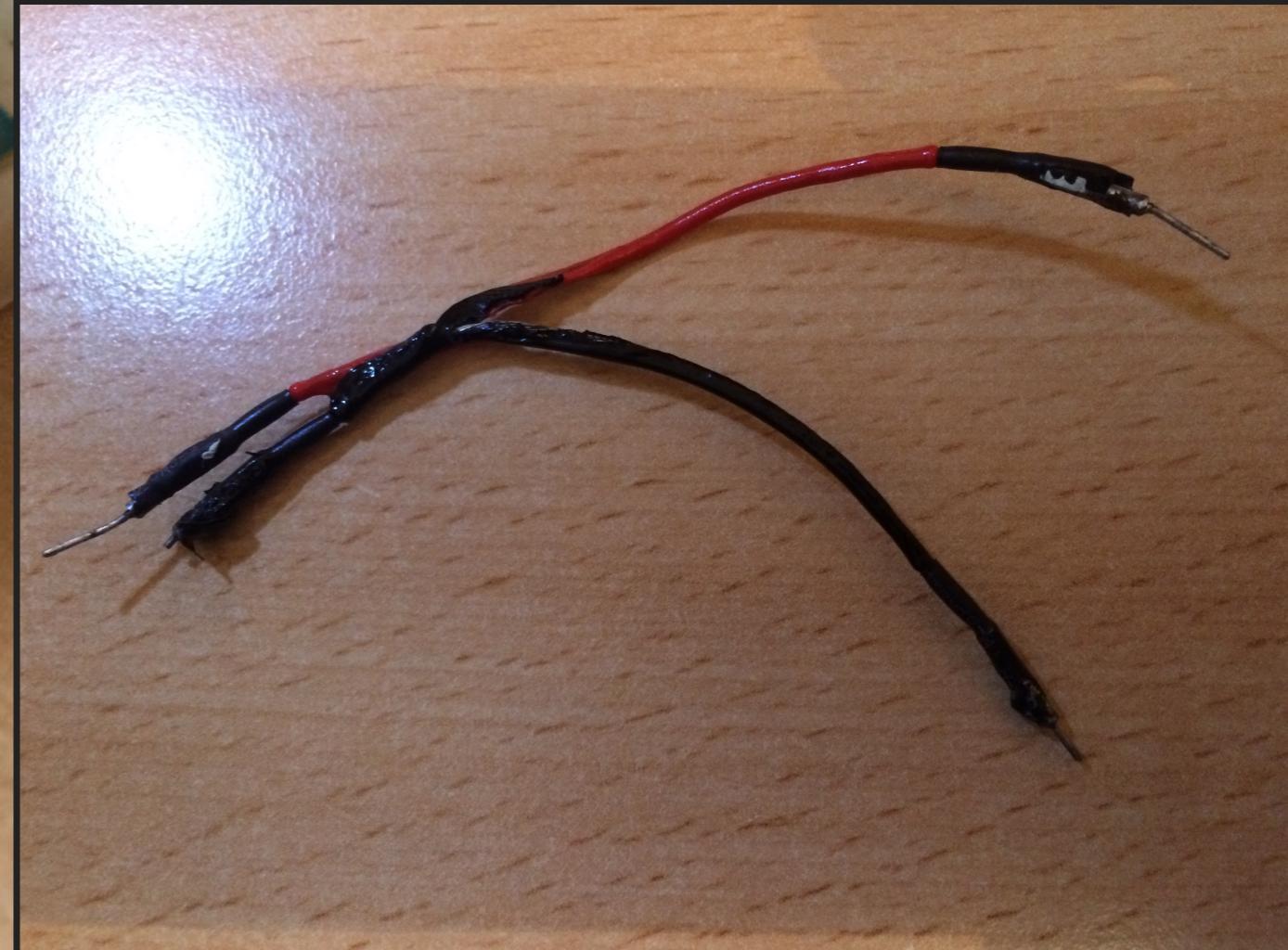
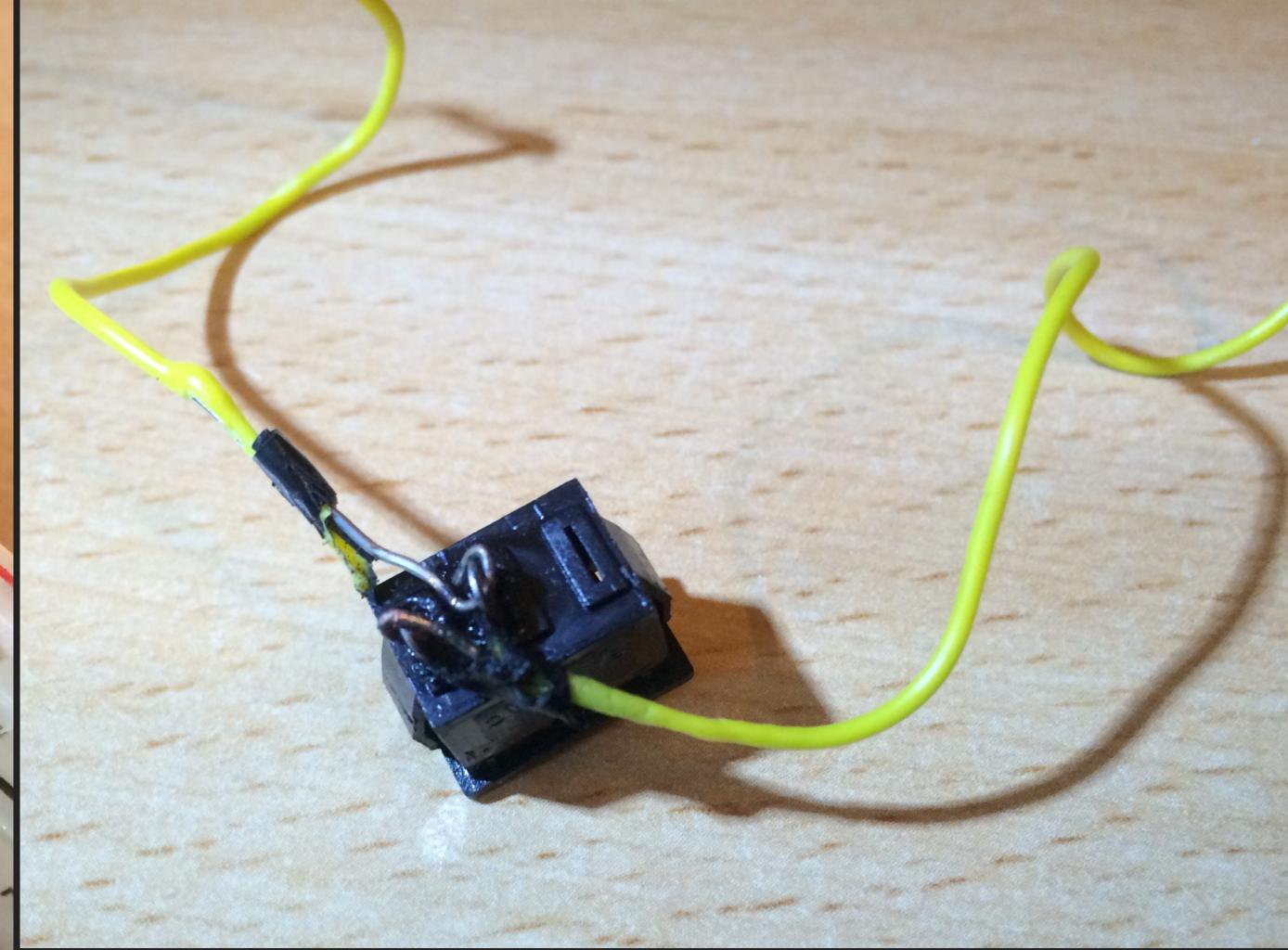
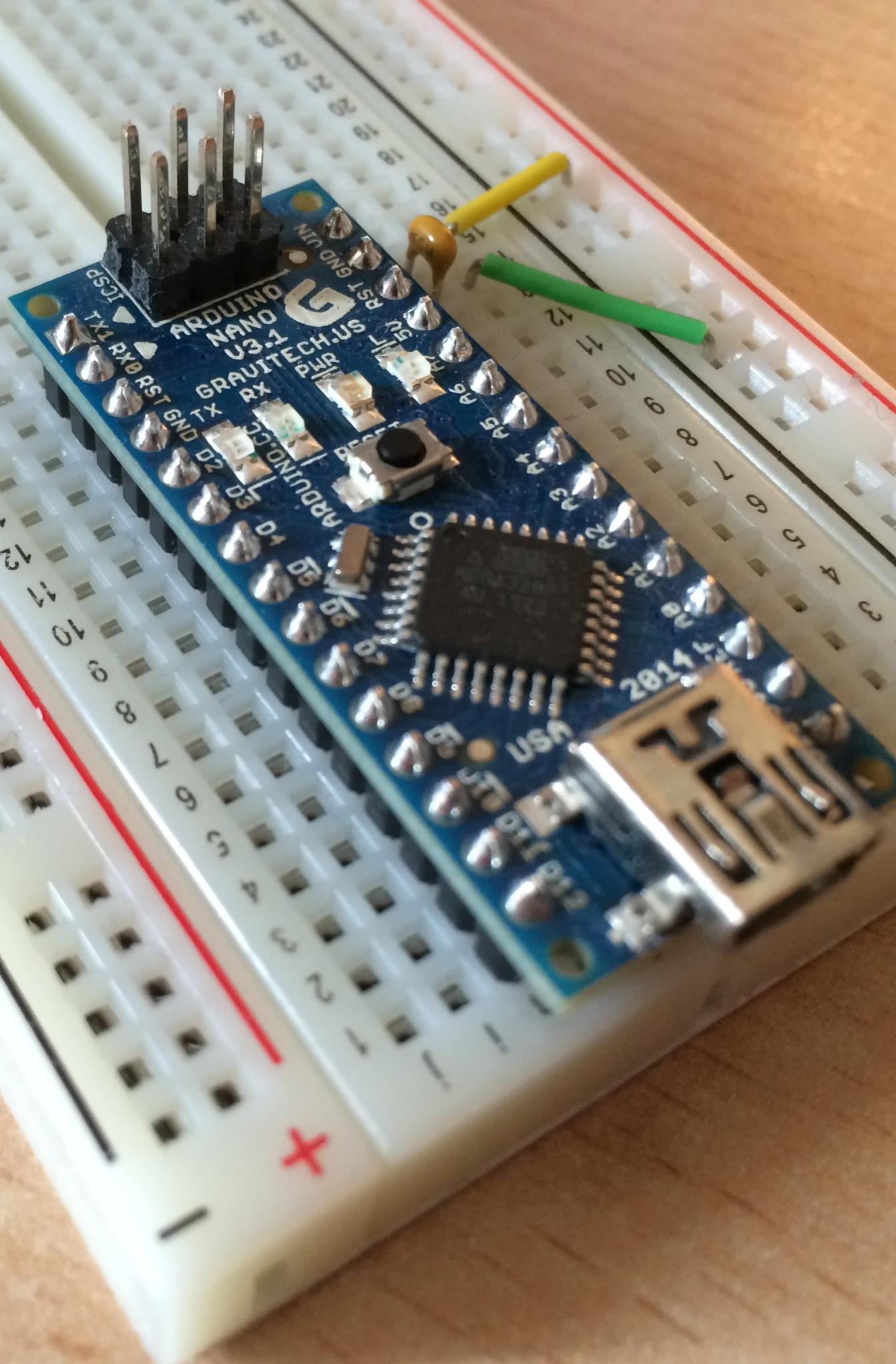
WHY JAVASCRIPT?

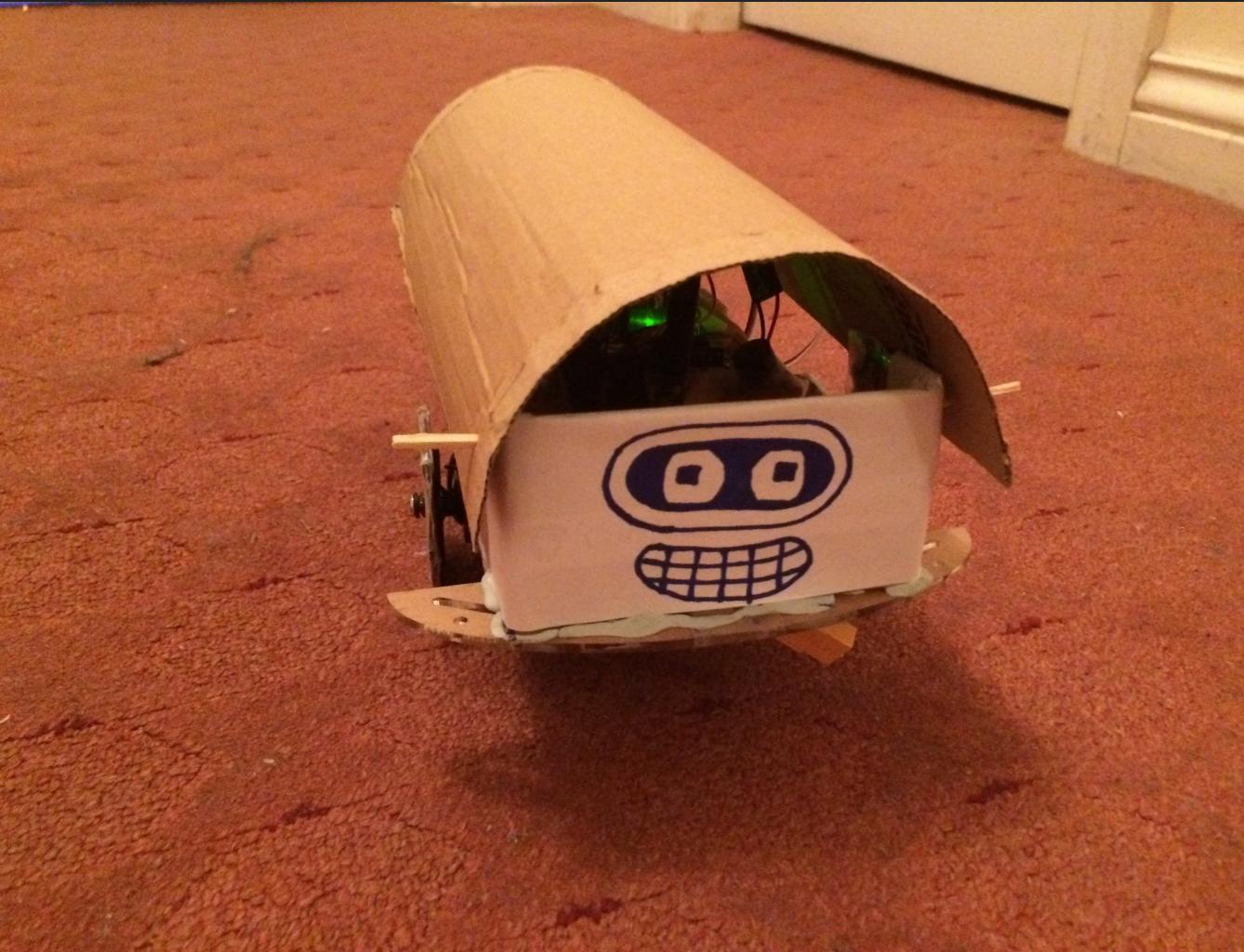
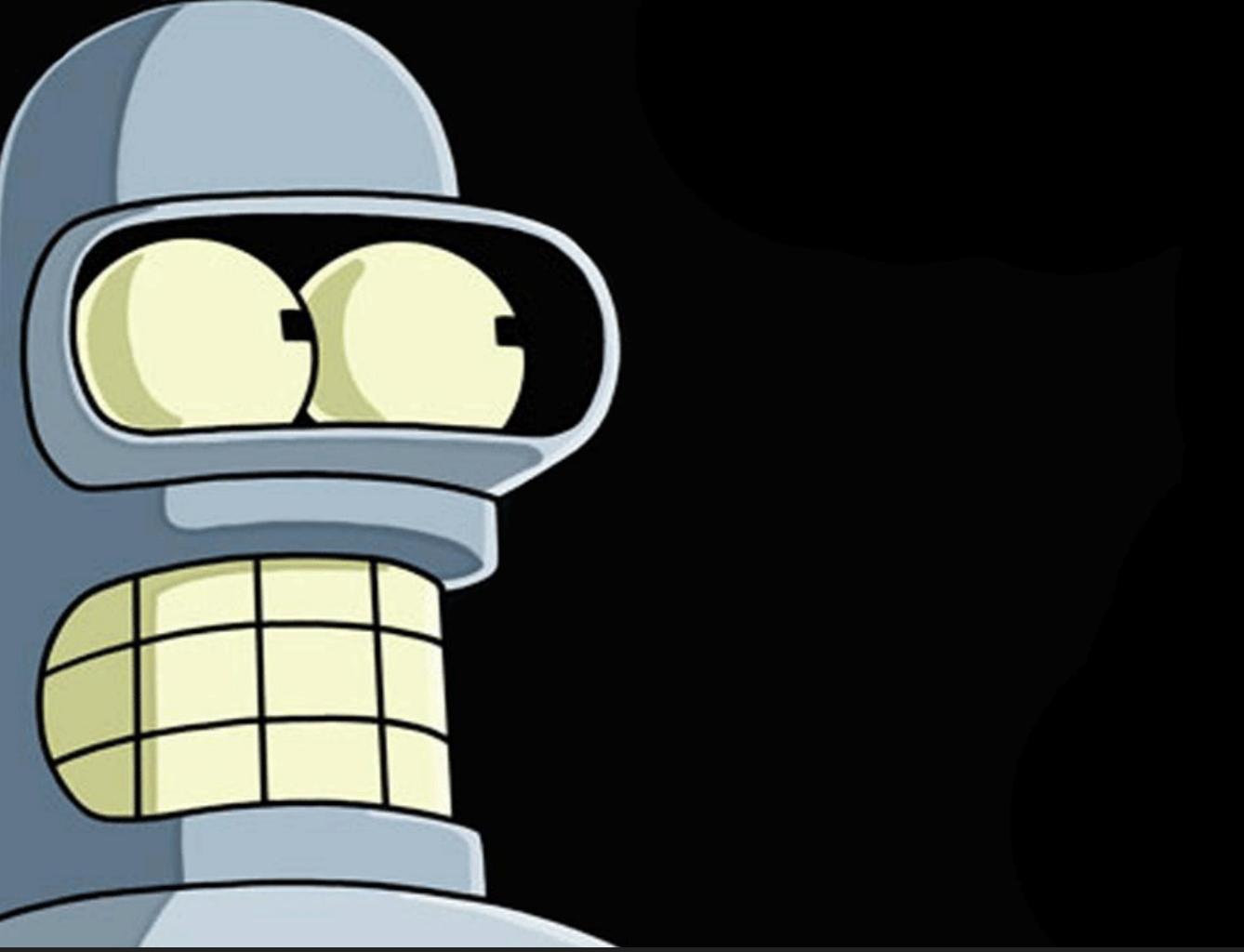
- ▶ Homogeneity
- ▶ RAD
- ▶ Already fairly proficient





RESEARCH





APPLICATION PURPOSE

- ▶ House Monitoring

- ▶ Robot Racing



TEXT

GESTURES USED



OPEN



WAVE OUT



WAVE IN



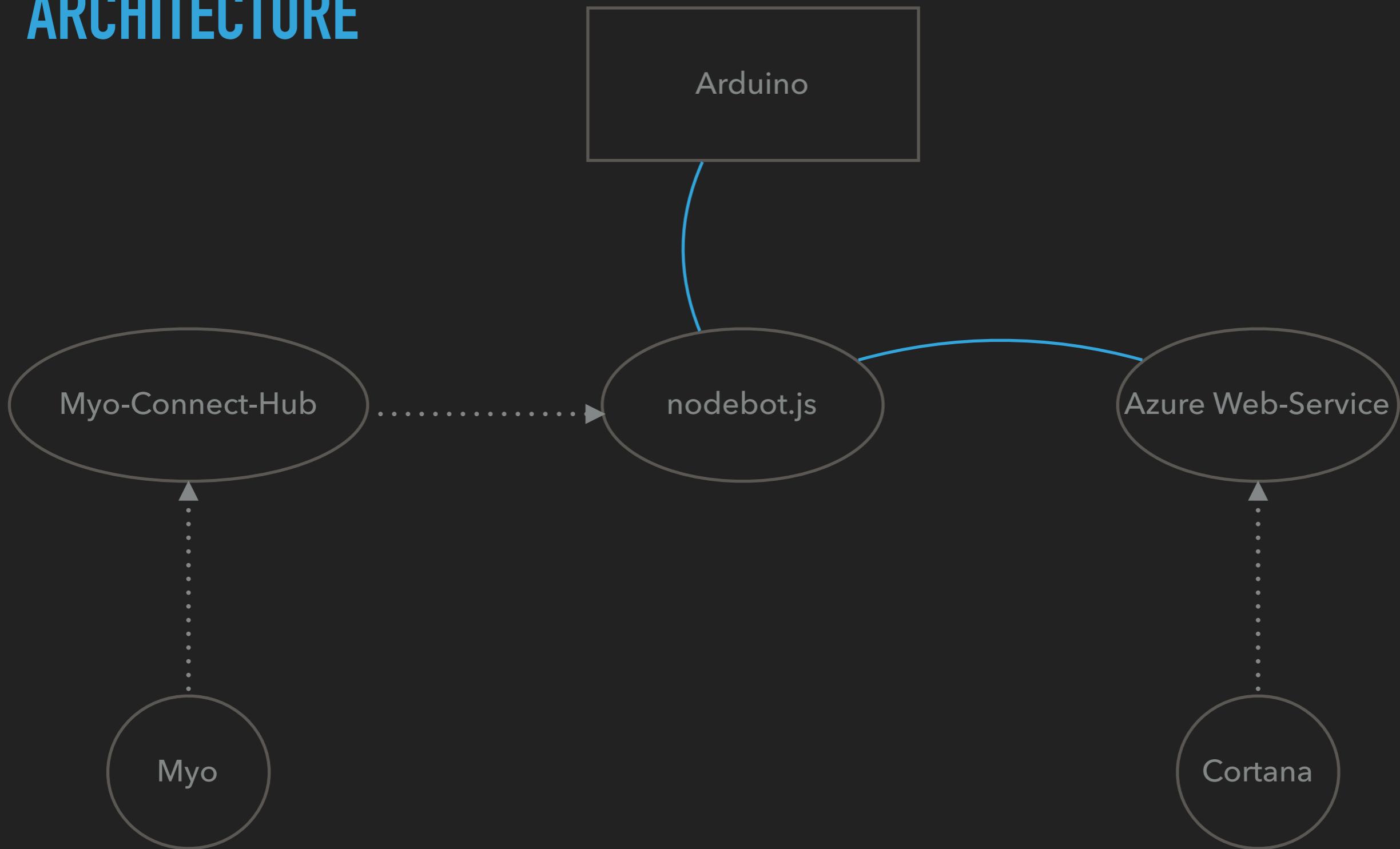
FIST



PINCH



ARCHITECTURE



TEXT

MYO

- ▶ Gestures

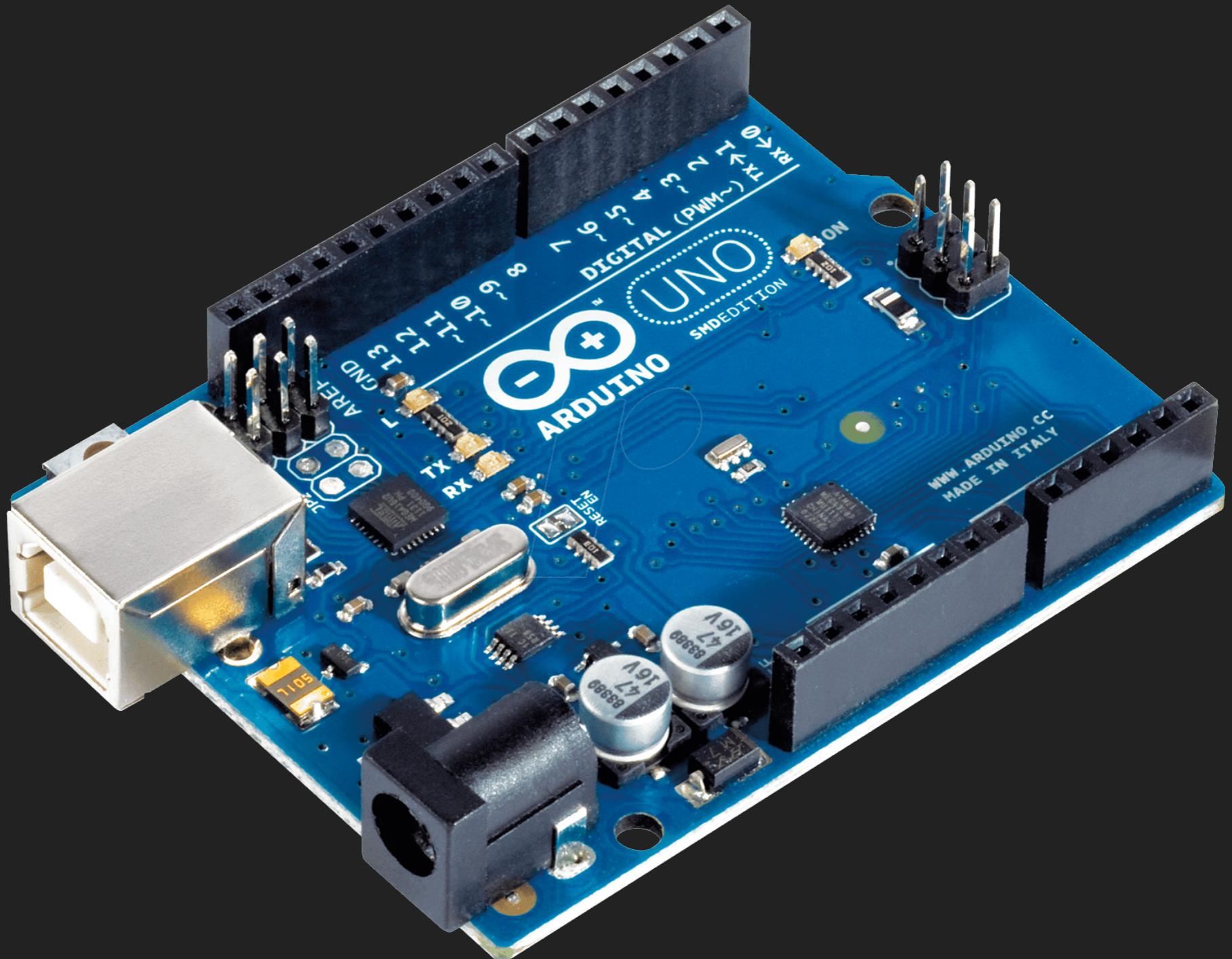
- ▶ Testing

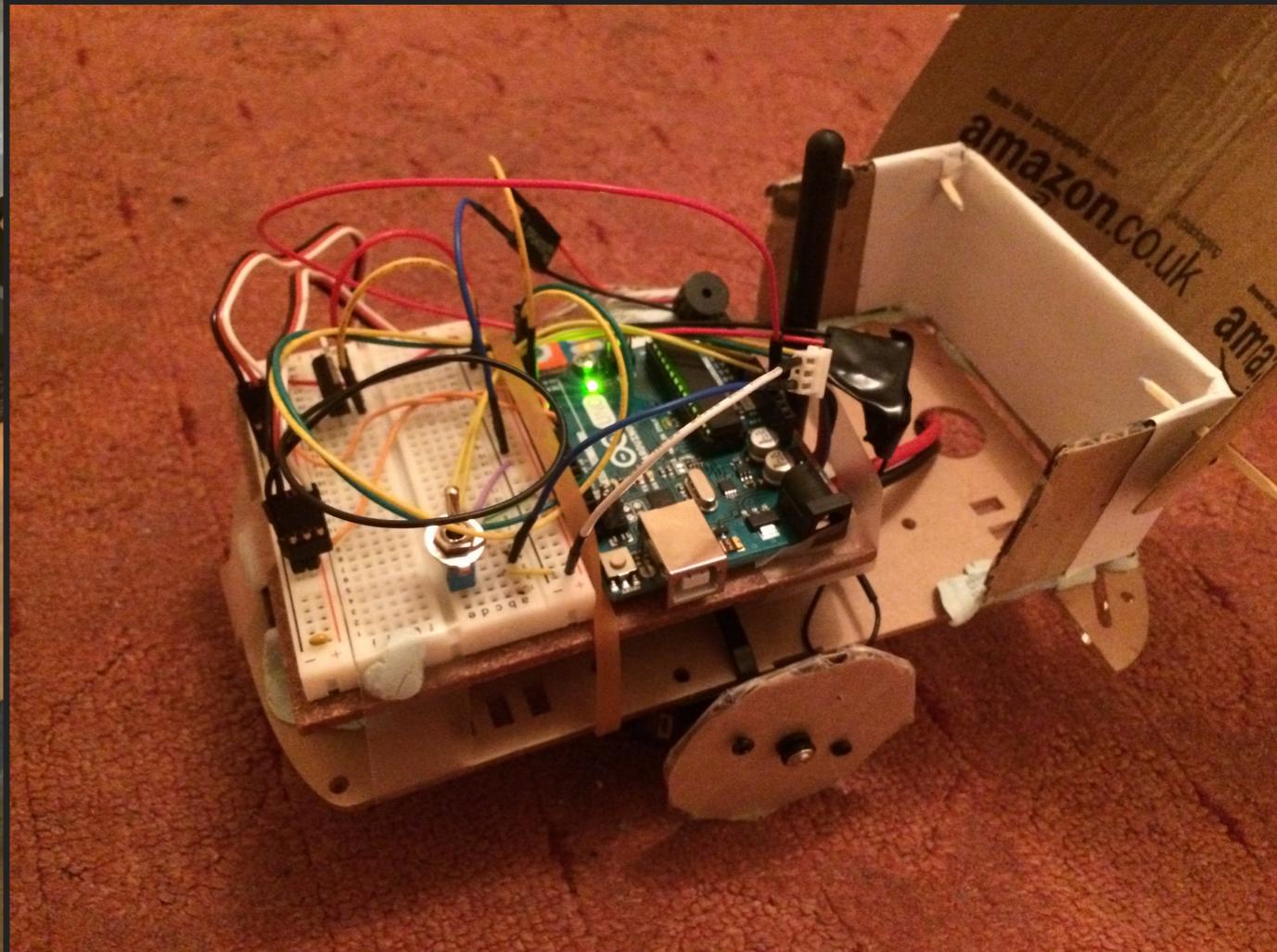
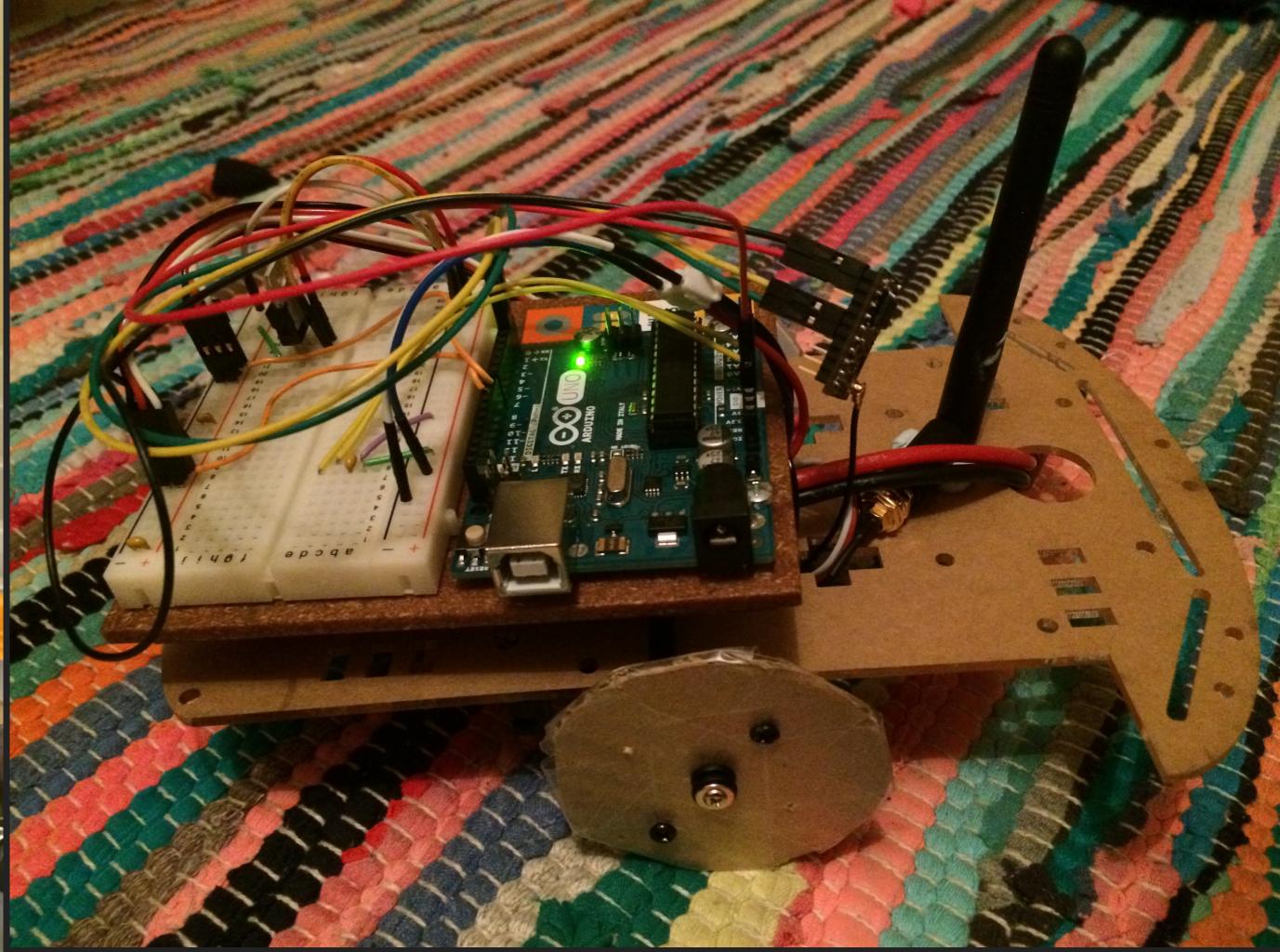
- ▶ Bindings



ARDUINO

- ▶ Research
- ▶ Building
- ▶ Testing
- ▶ Short-Circuits





DEMO

JAVASCRIPT ISSUES

- ▶ Abstraction
- ▶ Tethered
- ▶ Implicit/Loosely-Typed

**USE THE RIGHT
TOOL FOR THE JOB**