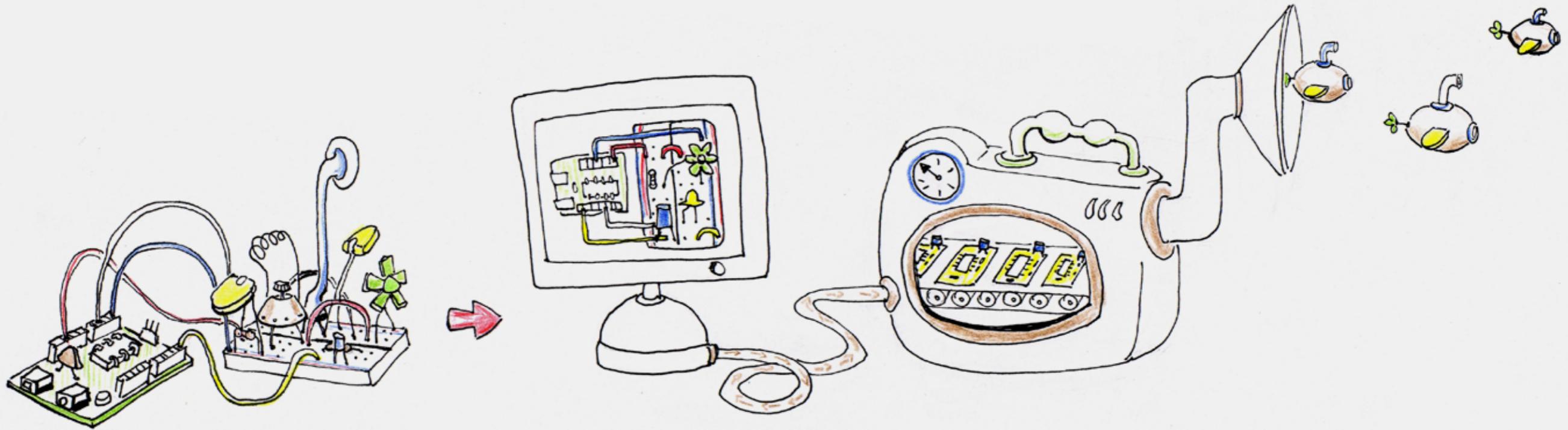
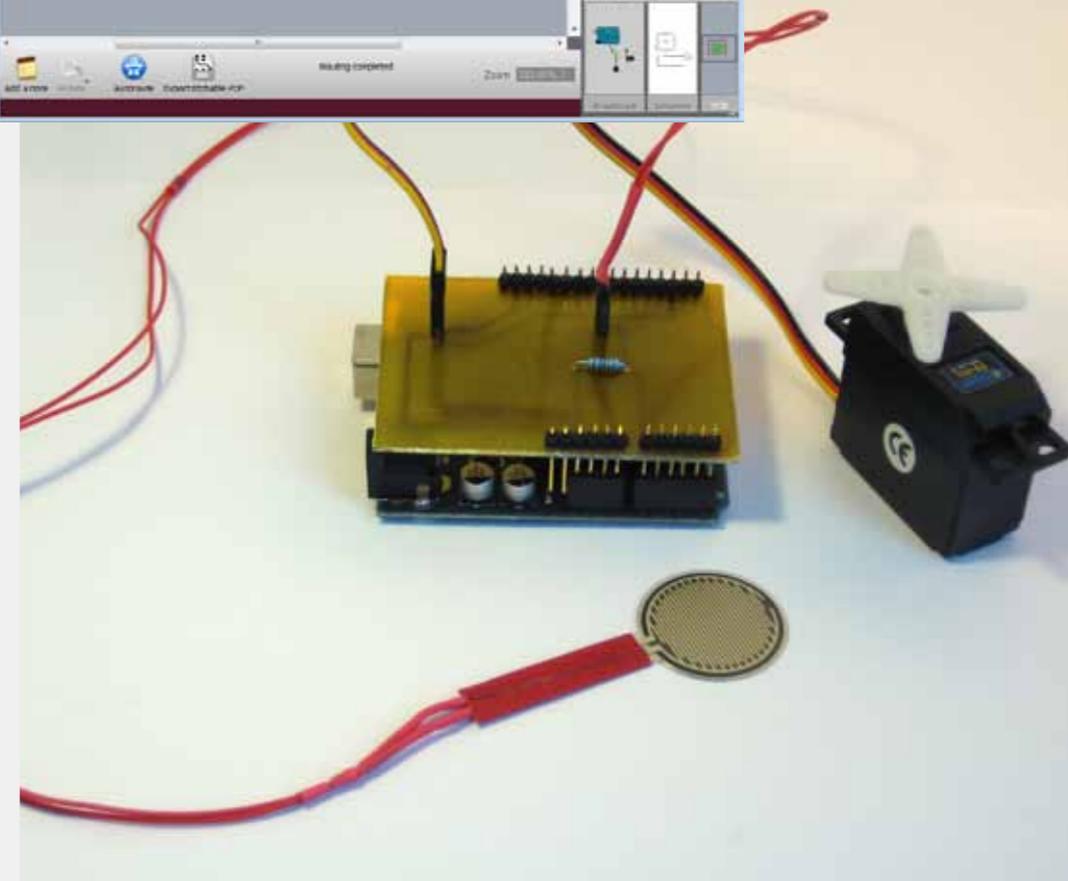
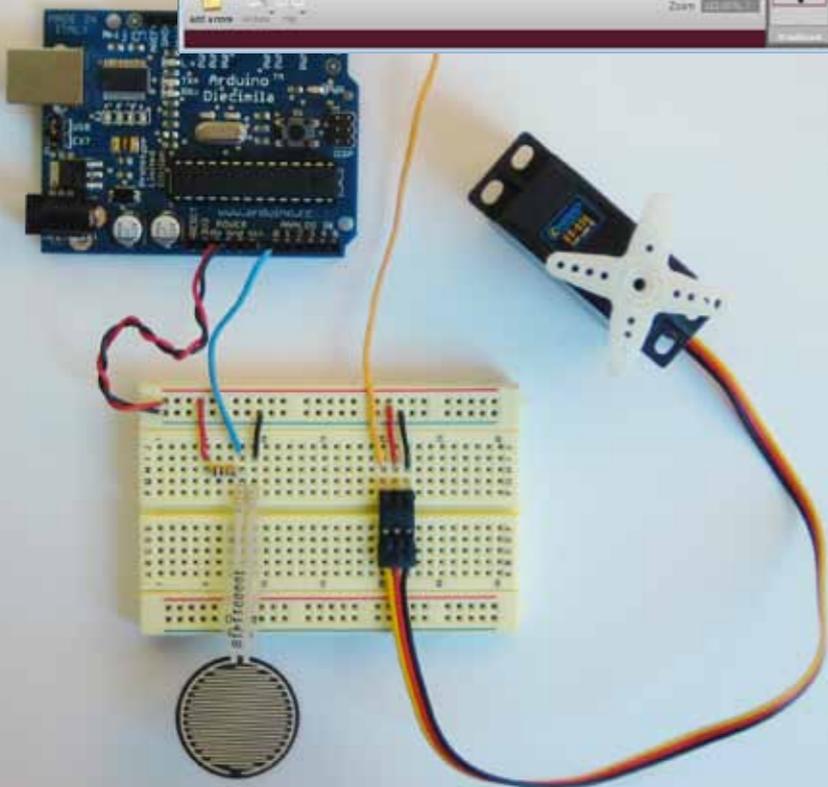
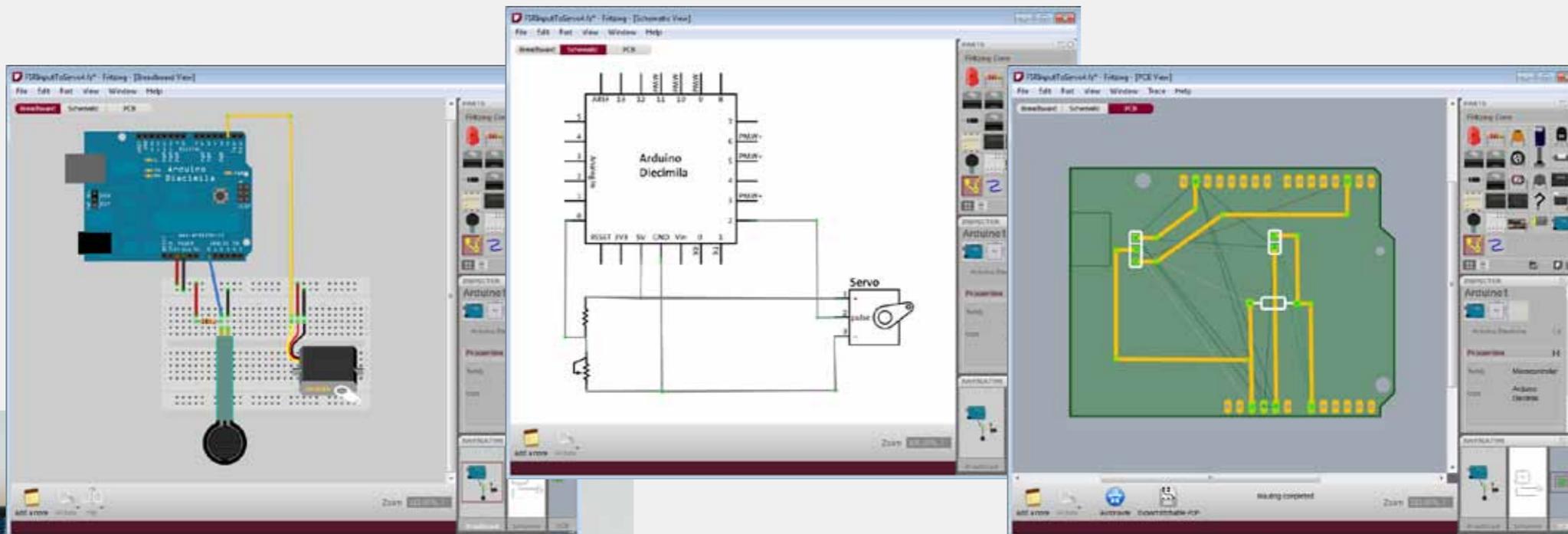


# Fritzing

Advancing Electronic Prototyping for Non-Engineers



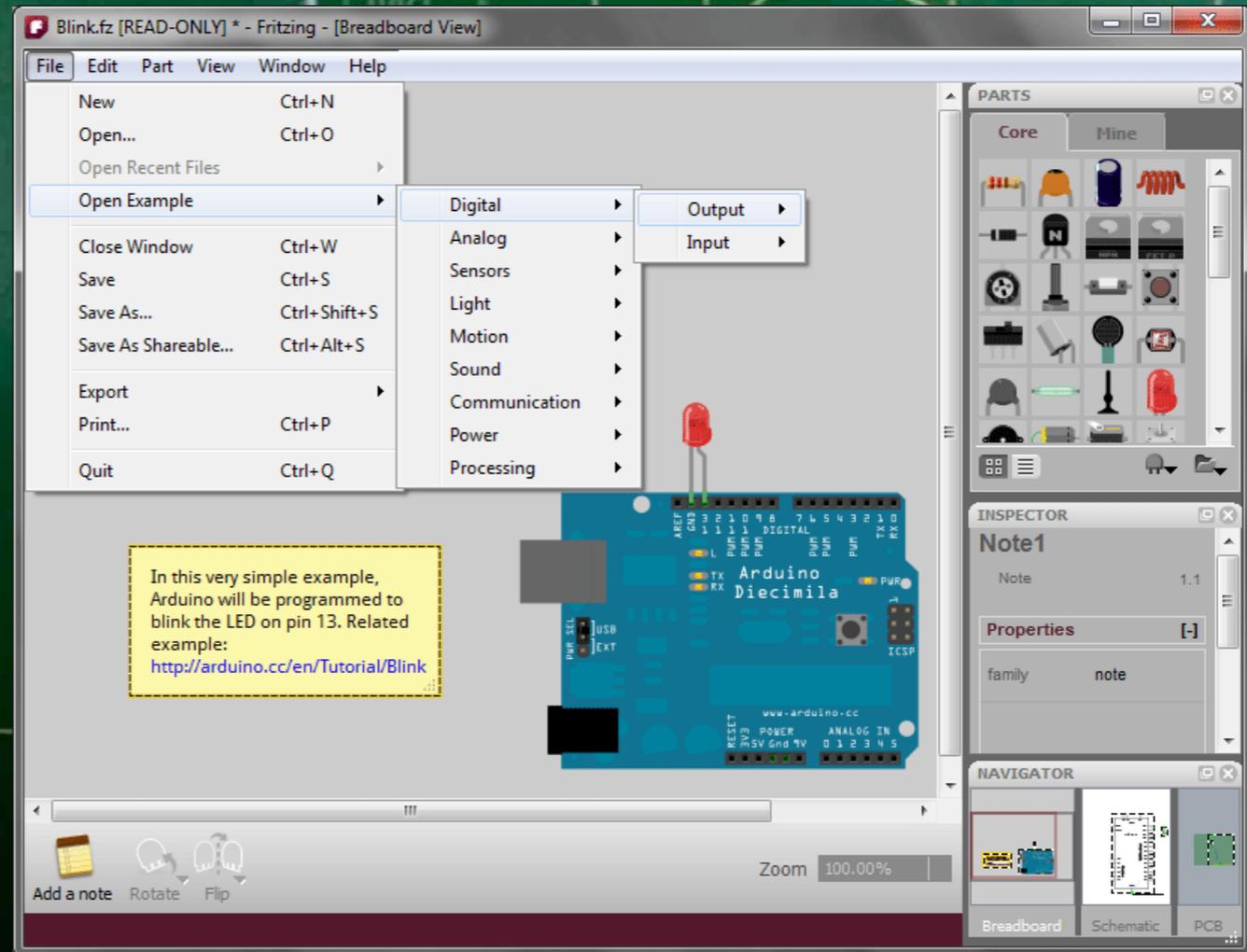
**The original Fritzing vision**  
“From prototype to product”



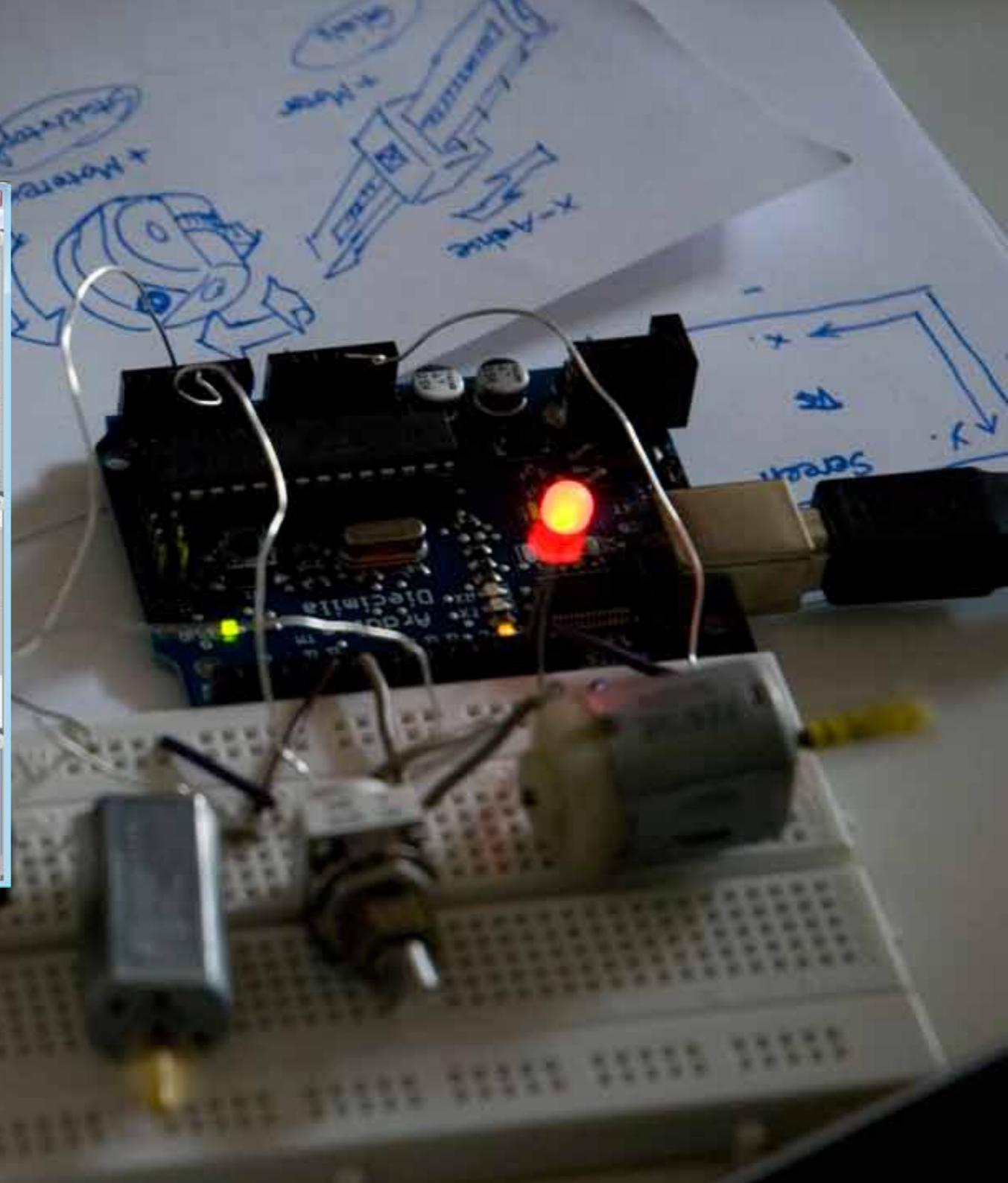
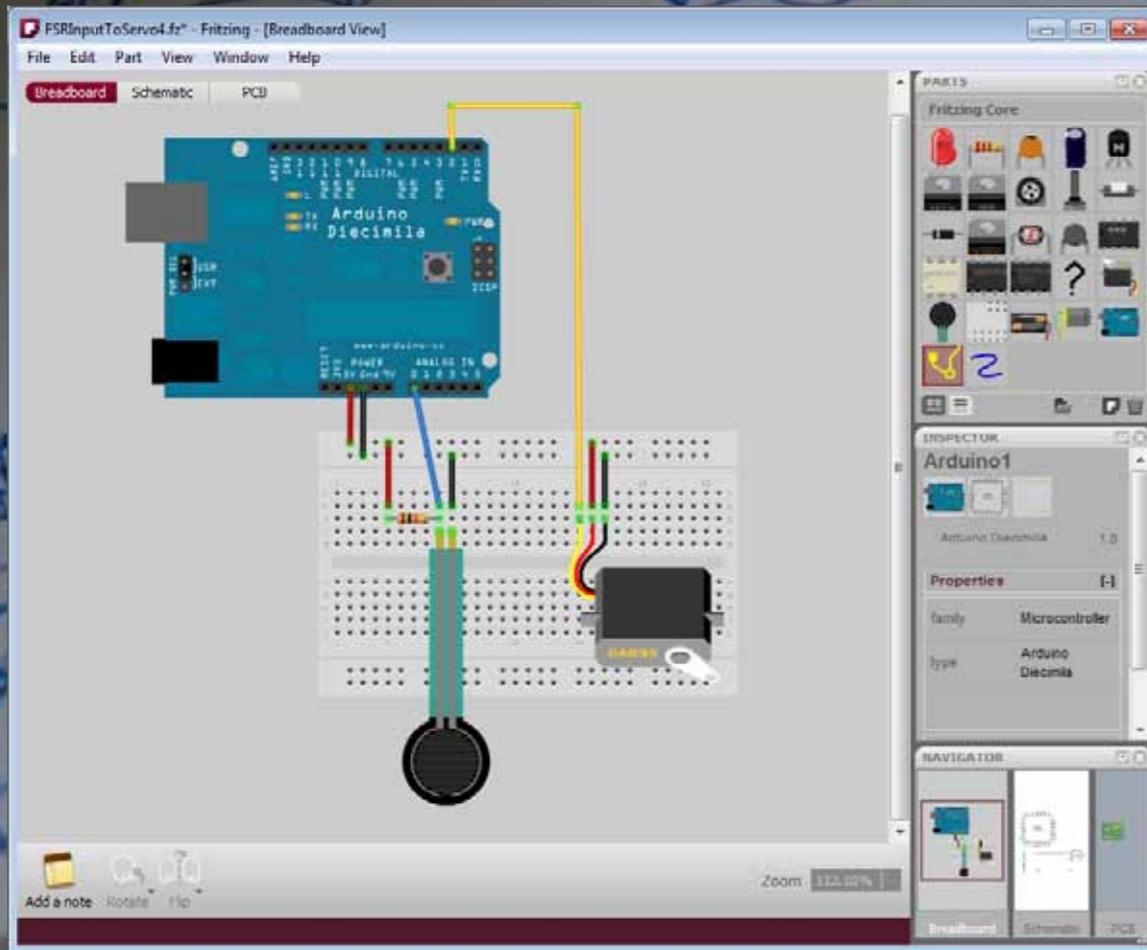
**The current Fritzing reality**  
From breadboard to PCB



**From designers for designers  
in the spirit of Processing and Arduino**



**Learning and teaching  
in a language that people understand**



**Documenting**  
to keep track of your own work

Project - Servo - Fritzing

http://fritzing.org/projects/analog-input-to-servo/

# FRTZING

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## SERVO

by omer

**Category:** Analog  
**Difficulty:** kids  
**License:** Creative Commons Attribution-Share Alike 3.0 Unported License

### IMAGES

### FILES

- [analog-input-to-servo\\_AnalogInputToServo.fz](#)
- [AnalogInputToServo.pde](#)

### LINKS

- [Arduino Example: Servo](#)
- [Arduino Example: Analog Input ITP Servo Example](#)

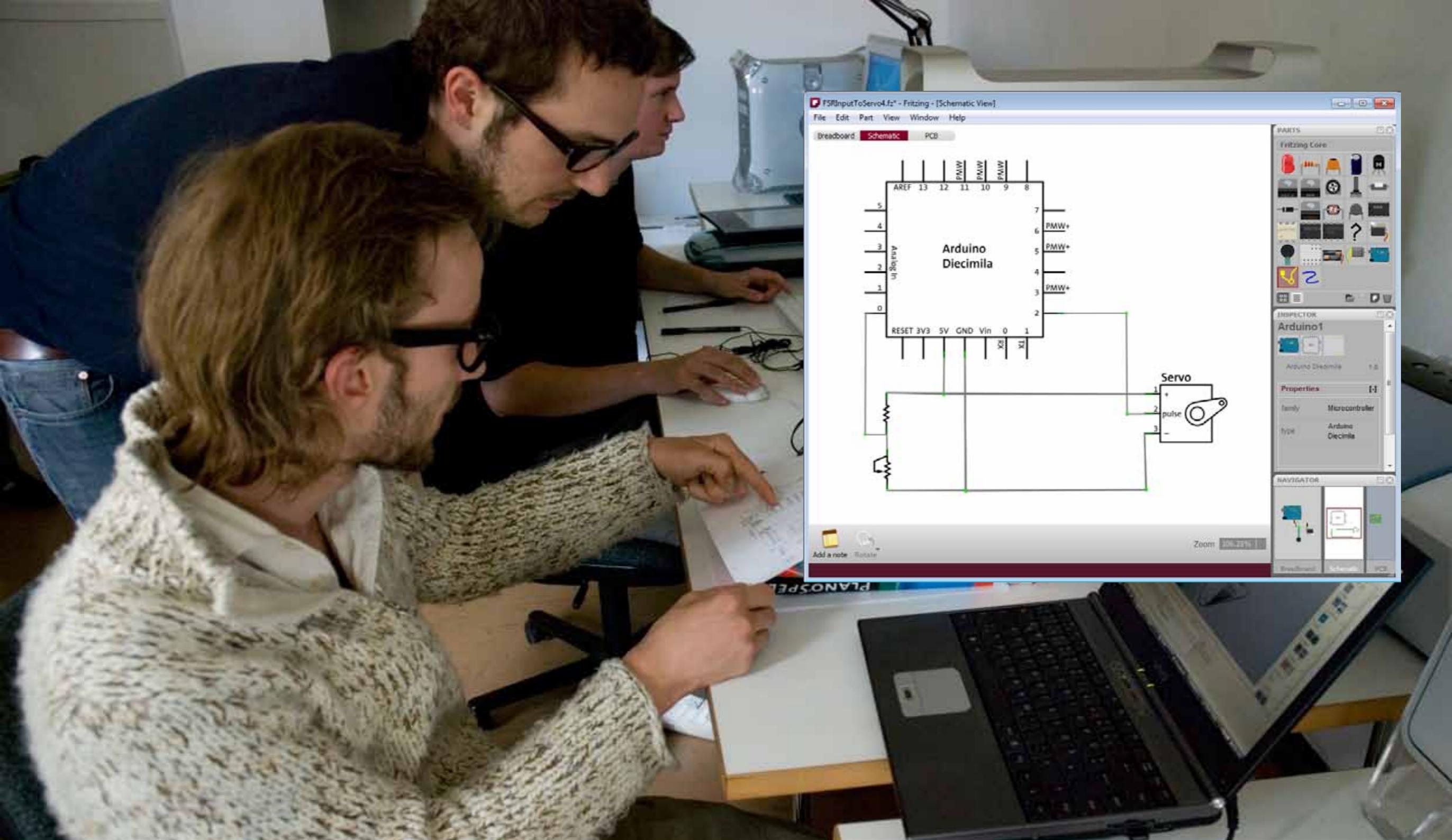
Created at March 23, 2009, 10:41

Servos are the easiest way to start making motion with an Arduino. Even though they don't turn 360 degrees, you can use them to create all sorts of periodic or reciprocating motions. In this project, potentiometer values are read in through an 'Analog In' pin. The values are then used to control the position of a servo motor.

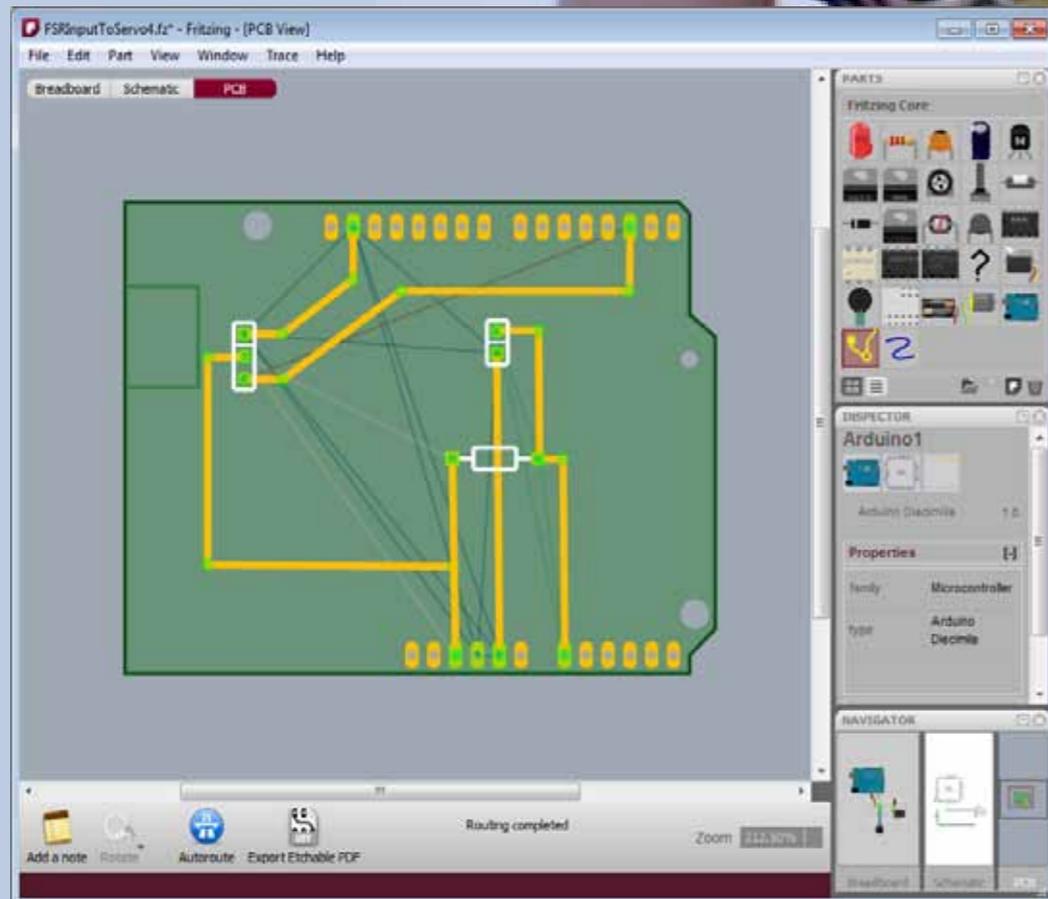
### INSTRUCTIONS

Use a 1kΩ potentiometer and a servo. Connect three wires to the Arduino board. The first goes to ground from one of the outer pins of

Sharing  
to build a common base of knowledge



**Collaborating**  
with your peers, and engineers



**Producing**  
Yes, you can do this yourself!

Open source

Open standards

Open formats

Open complementary tools

Open sharing platform

**Open Everything**

We are trying hard.

Open source

Open standards

Open formats

Open complementary tools

Open sharing platform

Open Access:

- Documentation
- Low threshold
- High ceiling
- Wide walls

**Open Everything**

People need to find an entering (and exiting) point.

Use it

Teach it

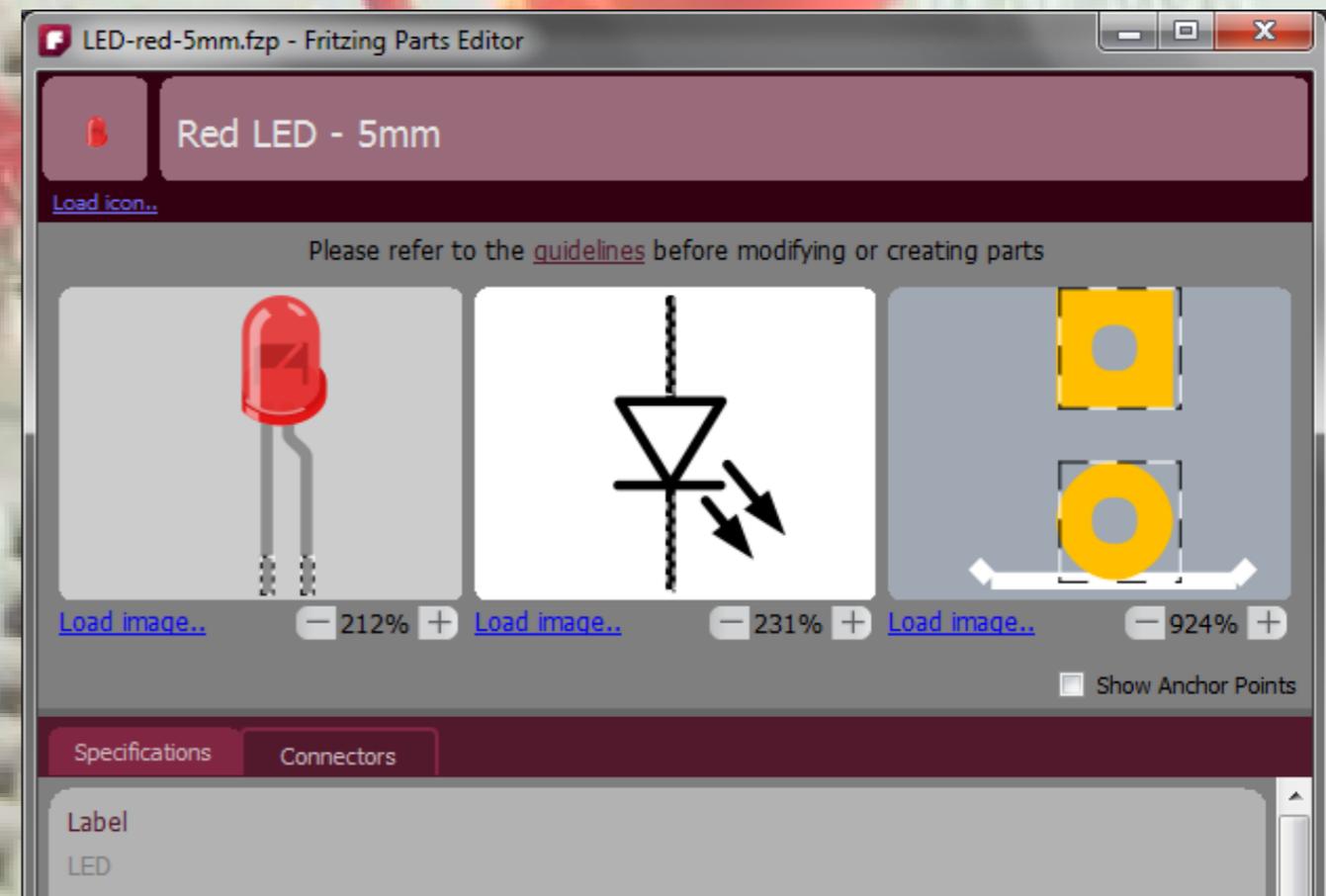
Share your projects

Make parts

Suggest improvements

Translate it

Contribute code



## How to help

The more people use it, the more useful it becomes

Donate..

Get a Fritzing starter kit

Use our upcoming production service

Collaborate with your institution

Spend on Open-Source instead of licenses

**How to help**

A few words about funding



[www.fritzing.org](http://www.fritzing.org)