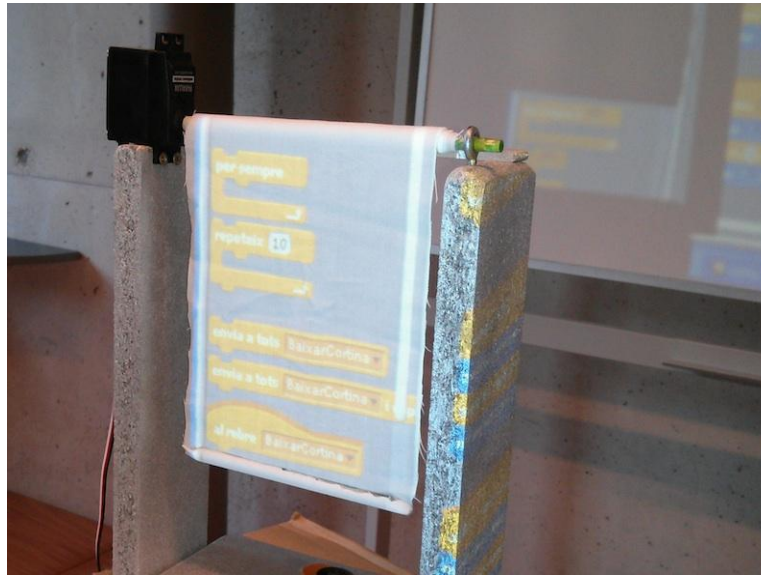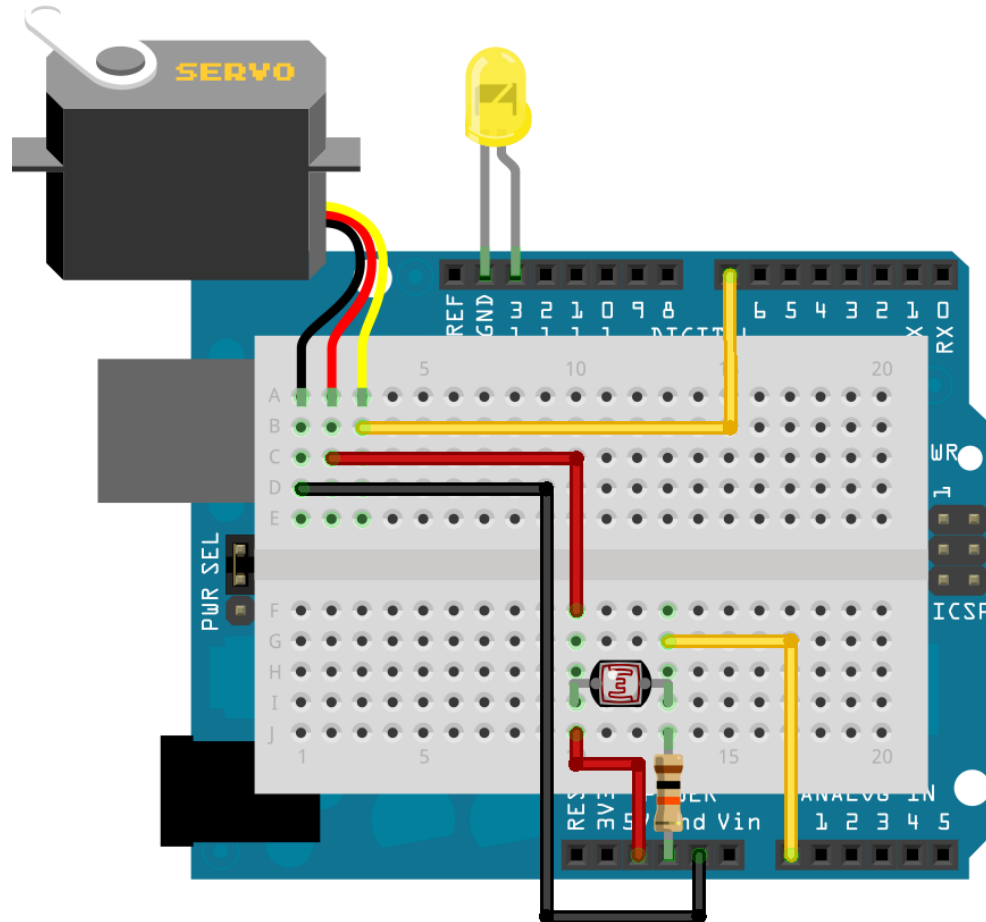## >> Sample 2 - Domotics with S4A Introduction



- Demonstration of a domotic application of a "curtain-blind" powered by a continuous rotation servo and a light sensor (LDR). An LED is also optional!

- How to use data obtained from a sensor to produce a response with an actuator.

- http://tecnoestiu.citilab.eu/

## >> Sample 2 - Domotics with S4A Schematics



Made with Fritzing.org

## >> Sample 2 - Domotics with S4A
## Code tips

- To move the servo of the curtain:   `motor 7 ▼ direction clockwise ▼`

- To stop it:   `motor 7 ▼ off`

- **Question 1:** how to stop it after a certain amount of time?

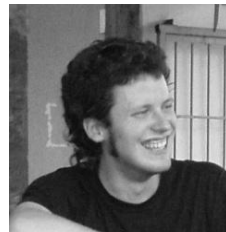- To check if the light sensor is above a certain value (for example, 100):

  `value of sensor Analog0 ▼ > 100`

- **Question 2:** how can we estimate when to stop moving the curtain up or down?

# Thank you



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