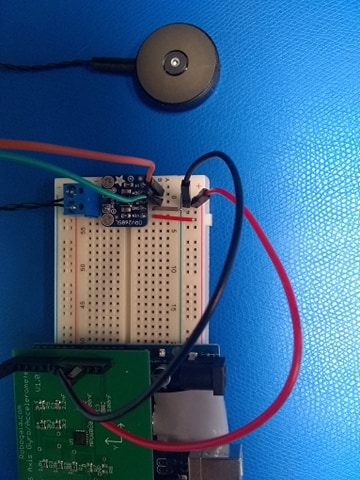
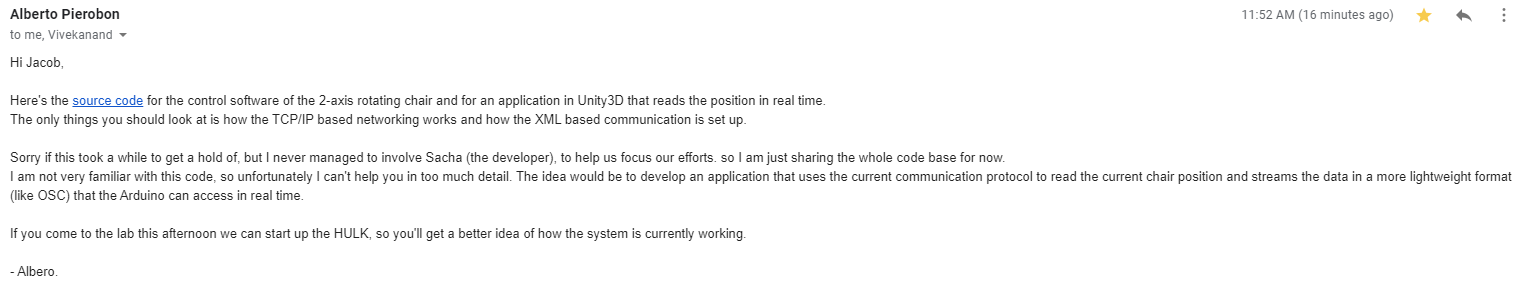
Jacob Smith 3/11/2020 11:00 AM: This notebook will contain the work I am doing on the C2 tactors for Dr. Vimal’s experiment at the Graybiel Laboratory Brandeis University. This is the wiring diagram for the c2 tactors, to go along with this code.

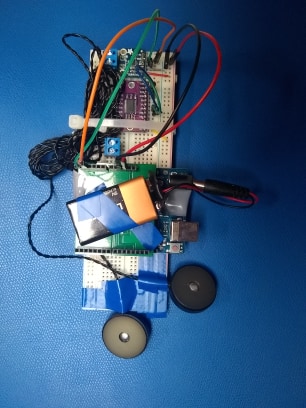


<https://www.youtube.com/watch?v=XWQsqPQOW-U>



<https://drive.google.com/drive/folders/1t6LkPKo_KGxpAeBke-ozXG1Z_jcuZ24s> (google drive folder)

Can’t get multiplexer working, but made new apparatus base, this is self contained and will be the prototype for when they are being used in the experiment.



3/13/2020 12:36 AM Jacob Smith: I am debugging the tactor prototype

|  |  |  |
| --- | --- | --- |
| **(With tactors at top and drivers at bottom for orientation)** | | |
| **Driver** | **Tactor** | **Works?** |
| Bottom | Left | Y |
| Bottom | Right | Y |
| Top | Left | Y |
| Top | Right | Y |

I can plug signal wires into either driver and start that side, not to control both at same time. I can control tactors at the same time, now to control them indeondently with code.

12:49 AM: Multiplexer works!!!

Seems like SD 1 and SC1 work on multiplexer and SDO and SCO don’t. Both sides work with multiplexer on SD1 SC1 to Top Right and SC2SD2 bottom left.

2 goes to right

3 goes to left

I has to be 0, don’t know why

Some pulsing on tactors when I’m not setting a power

I have pulse left and pulse right power

Max power 120

GraybielTactors Snesor Interface class works very well, I will copy it to my project, thanks Joseph Picard!

Will not include Adafruit class in final project, will be dependency.