Sep 20, 2015 -

The past few days I’ve worked on updated some of the code in the master branch on github.

I believe everything in that branch is now working and up to date.

I worked on getting wheel encoder discs, and wheel photoelectric sensors in a mounted. And ran into a lot of problems with this.

See some of my pictures below - my possible solution to this is maybe put the encoder disc next to the wheel, but that means making some modifications the wheels.

I still have not figured out how to mount the sensors, but that is a different problem.

Mean while, I can do a encoder demo using one of the alternative BittyBot Chassis.

I did some work on the ESP8266 server, it will now auto-refresh the page, and show a real

voltage, I did some more reading and digging on how to combine running a server and still having control. It seems the most likely way is to have the ESP8266 be the webserver without using the Arduino at all, remember the ESP8266 is a microcontroller, it even has a couple of GPIO lines.

I worked quite a bit on the accelerometer demo, still trying to learn a bit about what the numbers really mean. this is the 3rd accelerometer that I’ve tried to use, this one probably will do what I want. But not the way I was thinking. The accelerometer code is on github.

Pictures are below.



















