



MeowMunch5000



Today we're building an automated cat feeder!

Steps required:

1. **Mechanical** construction of plywood
2. **Electrical** wiring of circuits
3. **Software** download to Arduino microcontroller

Let's get started right meow!

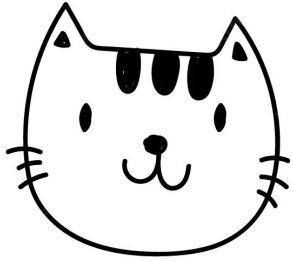
GitHub



Note

All source code and mechanical design is free and open on Github [right here!](#)

Feel free to reach out to me at sam@faygamesstudio.com if you have any issues or questions about the code.



1. Mechanical

1. Build the box
2. Make it awesome!
3. Attach the servo
4. Attach the tongue
5. Build the slice!
6. Test



2. Electrical

1. Connect all the wires
2. Check that everything works
3. Watch the lights come on
4. Fix the issues
5. Test!



3. Software

1. Deploy the code using my computer
2. Check that it works
3. Copy the code to a machine
4. Make it your own
5. Redeploy it!

Mechanical

Mechanicals

1. Make the box
 - a. Don't attach the bottom to it
2. Glue it together
3. Mount the servo
4. Make everything fancy!
 - a. Add your flavor
5. Check that everything worky

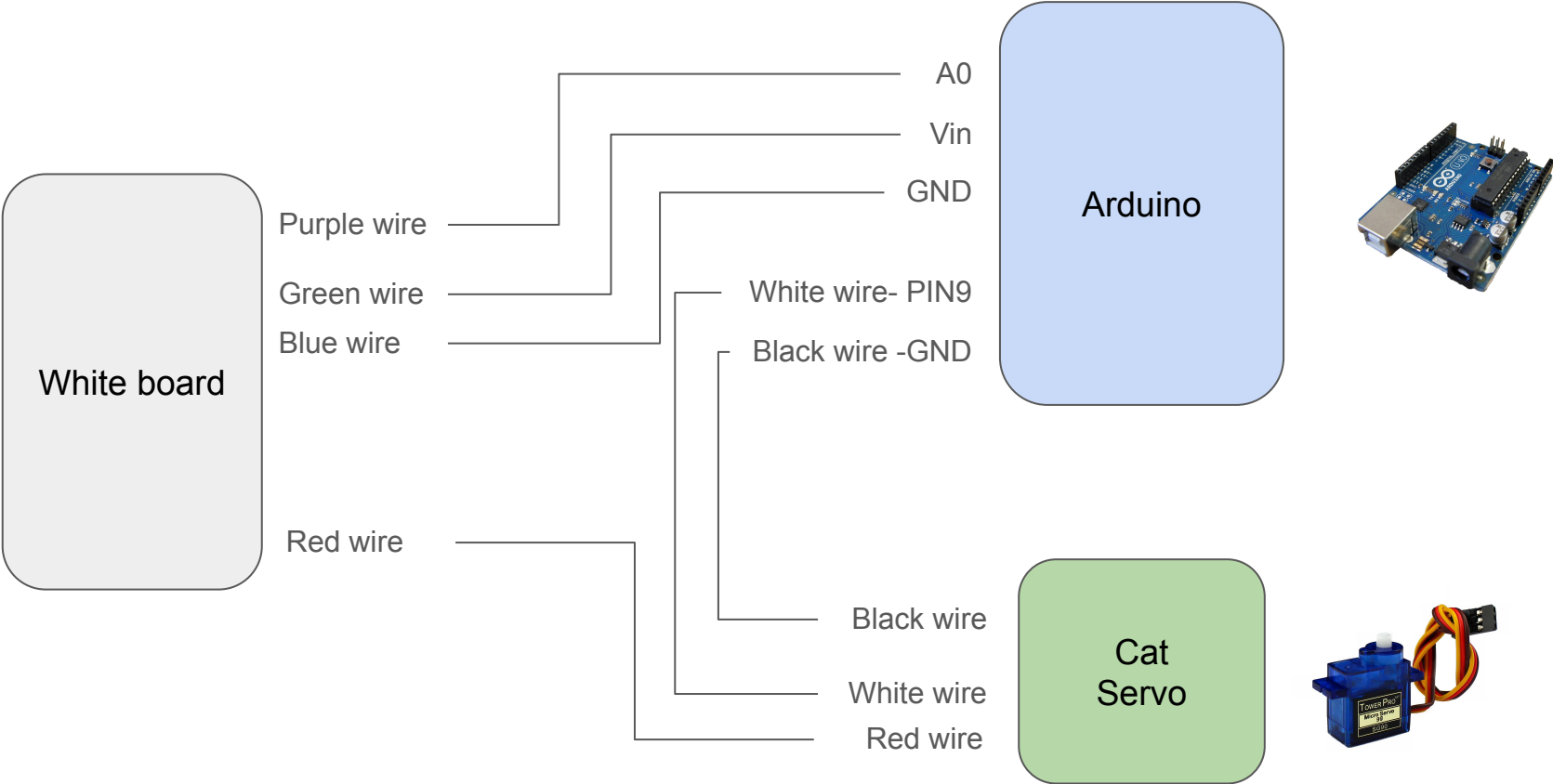
Electronics

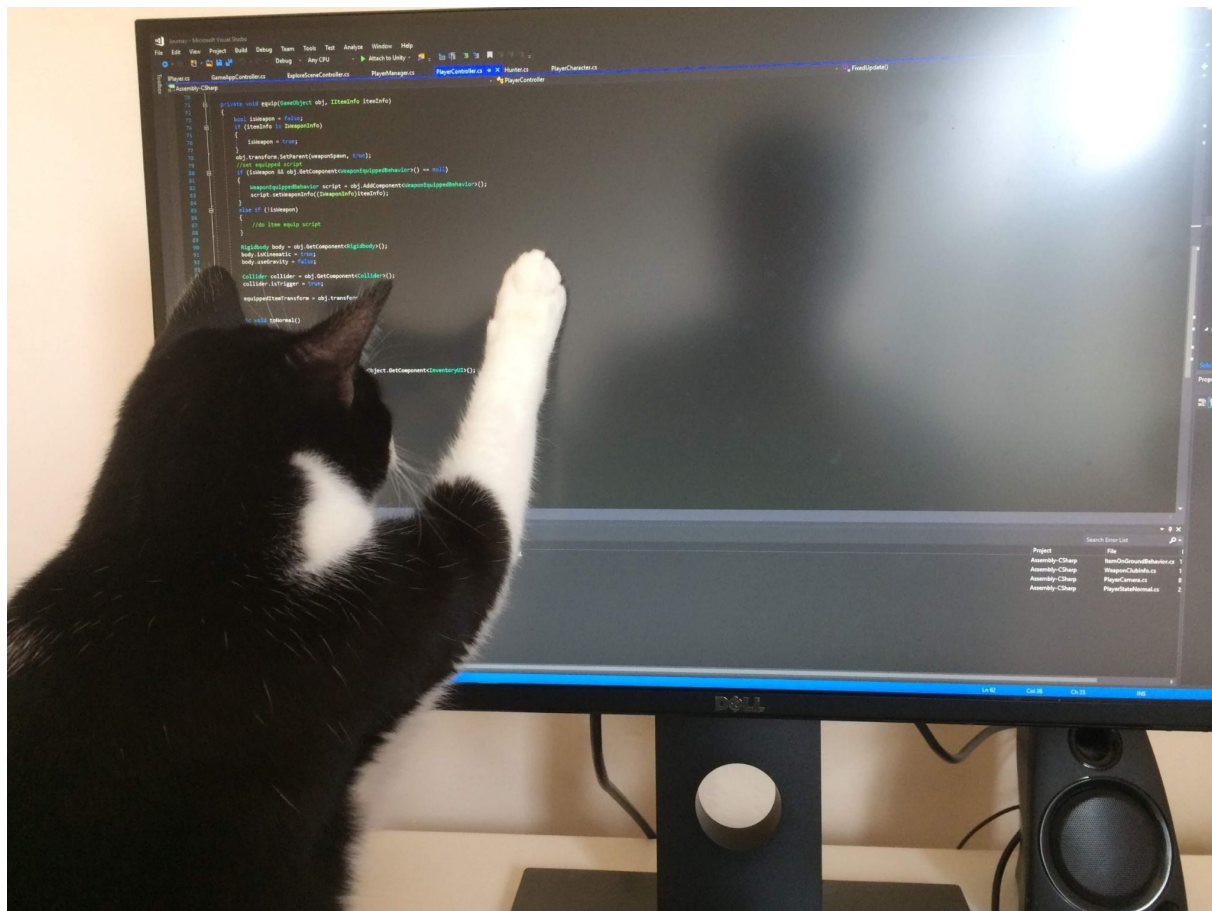
Quick Notes

- All low voltage DC
 - What does that mean?
 - When is voltage dangerous?
-
- Play, this is supposed to be fun - try things!

...Right, let's do some wiring!

Electronics





Source Code

Source Code

1. Open Arduino Studio on a machine
2. Deploy the code
3. Now we need to fix things
 - a. It currently runs every 40 seconds, let's fix that!
 - b. Let's look a little at the code

