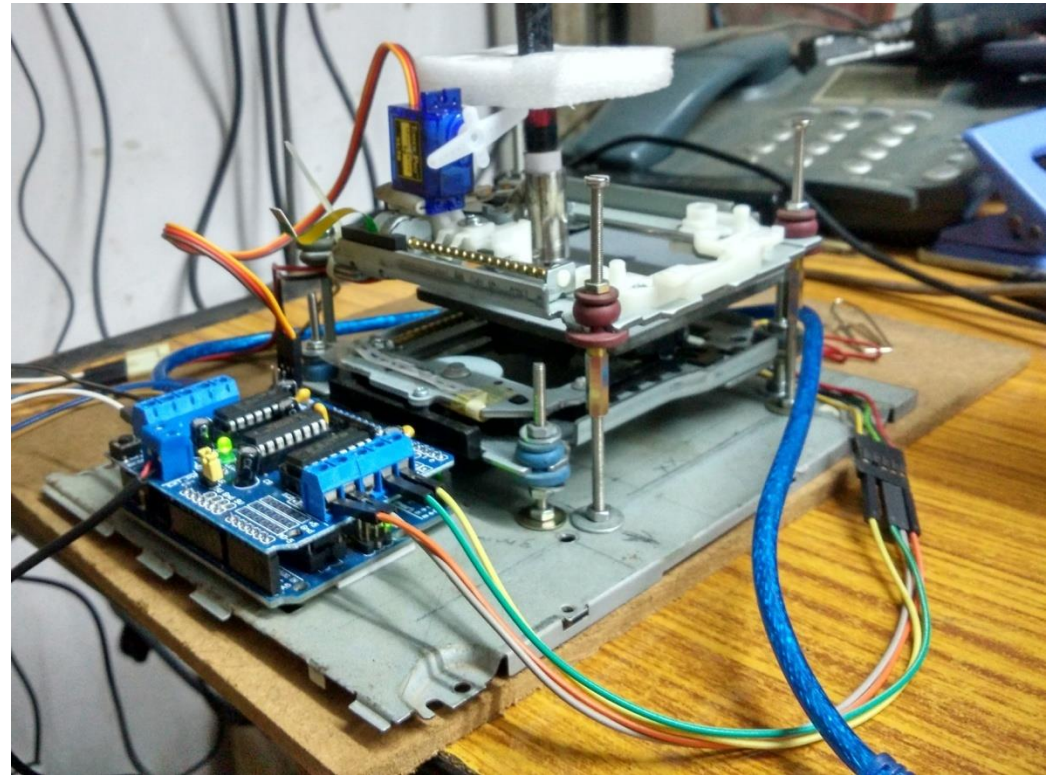# plotbot

what?
Personal project

where?
Rapid Solids Pvt. Ltd.

when?
Dec '17

who?
Engineer

A weekend project on making a CNC plotter using junk CD drives.
The stepper motor and lead screw mechanisms were salvaged from old CD drives.
Using an additional servo motor a fully functional mini CNC plotter was built.
Open source code from arduino, processing and inkscape was used to read data from the computer and scribe it using the plotter.

Arduino|CNC|upcycle|mechanisms

plotbot

Sketch/Image/Text

Vector graphics application exports the graphics to gcode

.gcode file

A Processing program that parses the gcode to Arduino using serial communication

.uno

Arduino program that converts gcode to motor motions

X-Y-Z motors move to draw the design on a paper