

.design inspiration



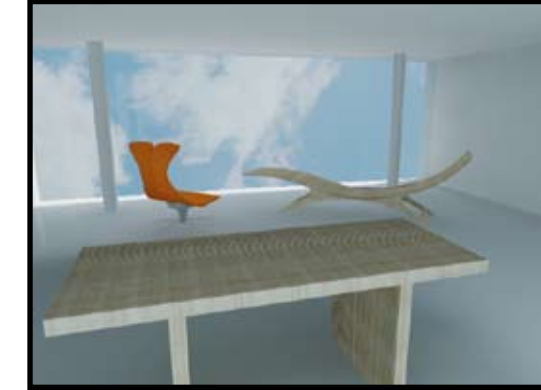
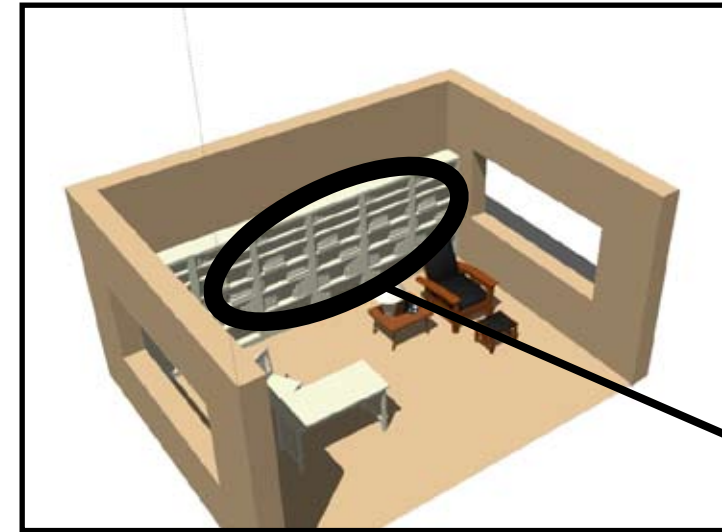
.goals

- . fabricate a rigid (and potentially also a flexible) pcb using the machining method
- . stuff the board using standard solder techniques, learning to read a circuit diagram and replicate with actual components
- . program the board with the hello.world program, using .py files, avrdude, and standard ubuntu commands

.components

- . rigid FR1 pcb board
- . 4 and 5 pin jumpers
- . 3.3uF Capacitor
- . ohm resistor
- . programs
 - . cad.py
 - . avrdude
 - . rx.py

. images



. problems

- . forgetting to change power in cad.py drawings
- . very small pads, work area for solder - need to check connections
- . permissions to access serial port in ubuntu needing to be reset
- . learning ubuntu/linux machines

