sense Design

sense programs write greenerthumb JSON messages from sensors to STDOUT. These can be fanned into message/bytes piped into bullhorn/publish.

Sensors

air

air senses the 'Air Status Message' at 0.1 hertz.

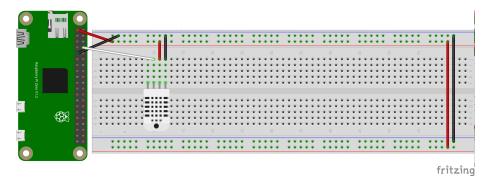


Figure 1: Air Schematic

soil

 ${\tt soil}$ senses the 'Soil Status Message' at 0.1 hertz.

Emulators

Emulators are provided for all programs and each accepts an optional rate flag.

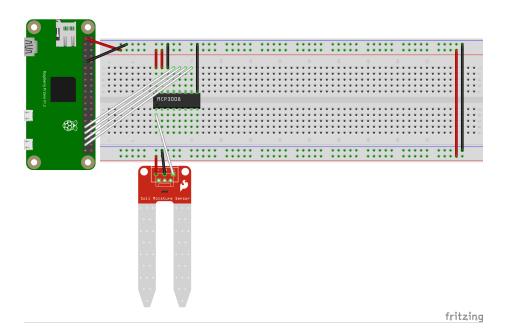


Figure 2: Soil Schematic