

## 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 (2a).

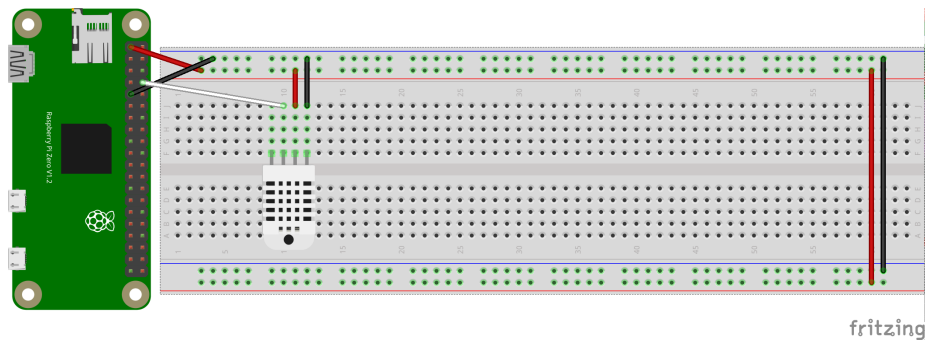


Figure 1: Air Schematic

### soil

soil senses the ‘Soil Status Message’ at 0.1 hertz (2b).

## Emulators

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

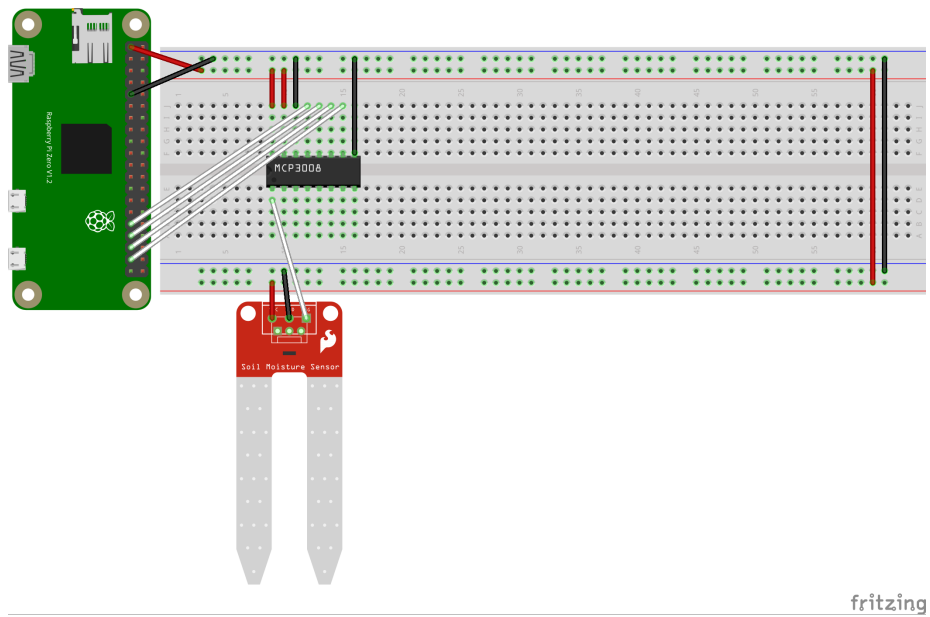


Figure 2: Soil Schematic