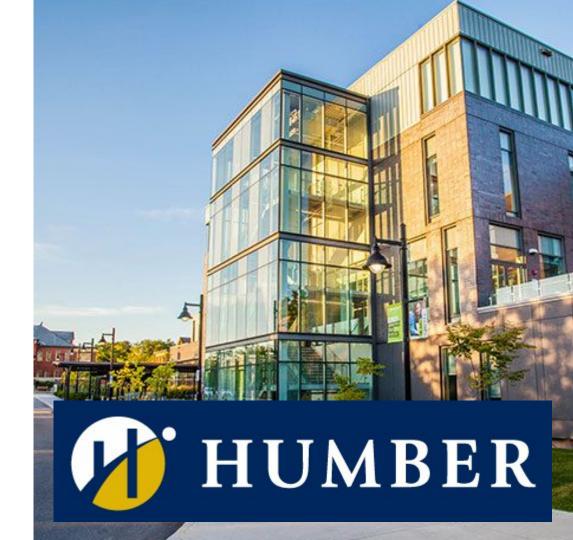
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Weasley's Hat

Diagon Alley

Weasley's Wizard Wheezes Set #75978



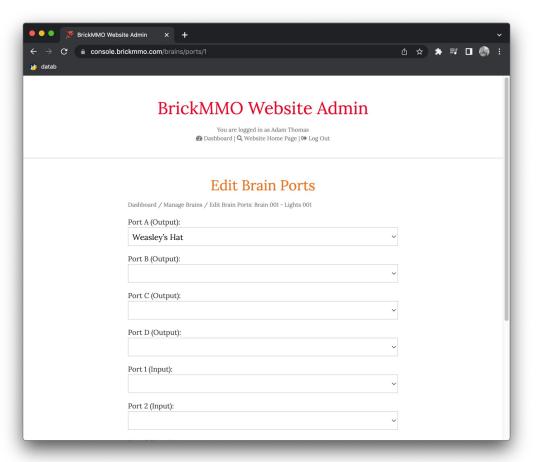
Module Description

Weasley's hat from the Diagon Alley set already has a lever to tip his hat manually. This module will tip his hat automatically every ten seconds.



Requirements

Weasley's hat will require one output port on an EV3 brain.



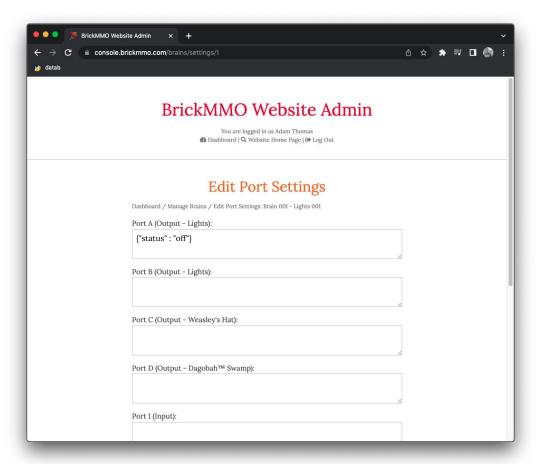
Sensors and Motors

The only output port will be attached to an EV3 servo motor.



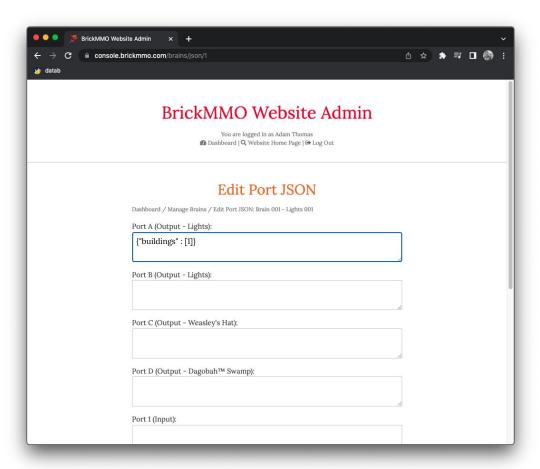
Port Settings

Status: Can be set to "on" or "off". When on Weasley's hap will tip every ten minutes.



Port JSON

Buildings: The ID of the Weasleys' Wizard Wheezes building.



IOT Loop

While True

If status == "on"

If counter == 0
Start motor slow clockwise

Else If counter == 10 Stop motor

Else If counter == 50
Start motor slow counter-clockwise

Else If counter == 60 Stop motor

