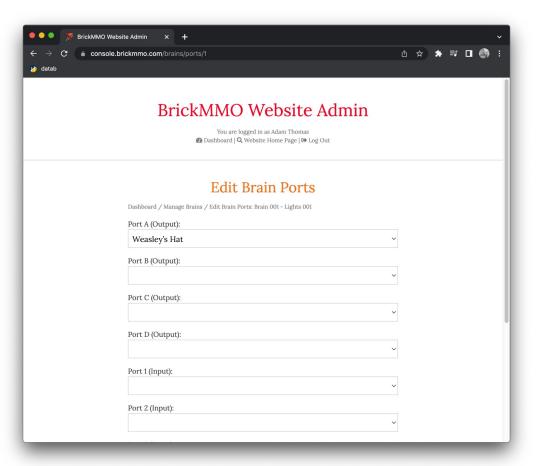
Module Description

Tony Stark's Nano Gauntlet from Avengers: Endgame, We will add lights in the Infinity Stones and a motor in the base to make the whole hand spin.



Requirements

The Gauntlet will require two output ports on an EV3 brain. One for the lights and one for the spinning motor



Sensors and Motors

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

The second port will be connected to EV3 Lights

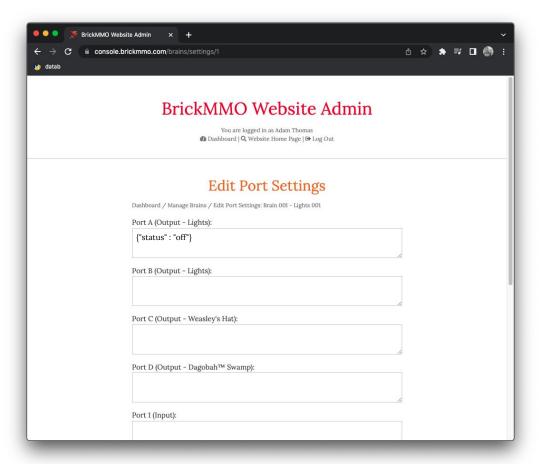




Port Settings

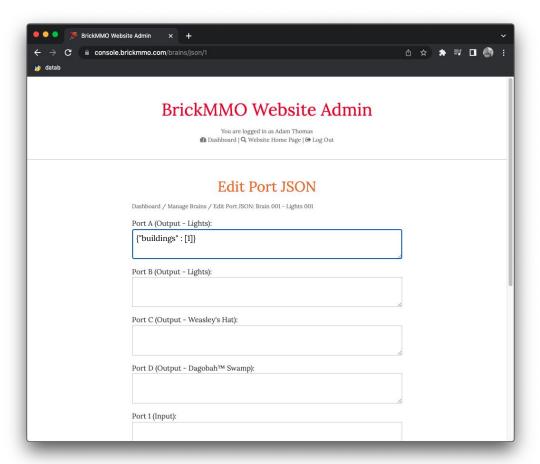
Rotating hand Status: Can be set to "on" or "off".(rotate back and forth constantly)

Lights Status: Can be sent to "on" or "off". (the Infinity Stones will light up and turn off automatically



Port JSON

Buildings: The ID of the Nano Gauntlet



IOT Loop

HAND Pseudocode

While True

If status == "on"

If counter == 0
Start motor slow clockwise

Else If counter == 30 Stop motor

Else If counter == 35
Start motor slow counter-clockwise

Else If counter == 60 Stop motor LIGHTS Pseudocode

While True

If status == "on"

If counter == 0 Turn on lights

If counter == 100 Turn off Lights



Members

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