ESP32 AP Information

The ESP 32 program makes use of the WiFiAP.h library. This library only supports 8 connections, research has to be done on how to expand this so more nodes can be coupled.

This master of all the nodes is currently also being used as a node itself which could be altered since it might not be ideal to have it be a node since it has to plugin to a computer (this was done for testing purposes). In the code you can find comments on what is used for it to be a node which you can change to your liking.

# Serial commands

All commands have a start character “#” and a stop character “%”.

#INFO% returns information about the connected nodes.

#RR% sets the first two nodes to red.

#RGB0% sets the first node to red, the second to green, the third to blue and turns the fourth off.

R – red

G – green

B – blue

0 – off

You can string these together for the amount of nodes you have connected, if you send more than nodes connected those values will be ignored.