get macaddr

Type: WiFi InteractionUsage: get macaddr

Description: Gets the MAC address of the 8266 wifi interface.

Response: <mac address>

• wifi ssid

Type: WiFi ConfigurationUsage: wifi ssid=<ssid>

Description: Sets the WiFi SSID to connect to.Response: "WiFi SSID changed to: "<ssid>

wifi pass

Type: WiFi Configuration

Usage: wifi_pass=<password>

Description: Sets the password used to connect to the WiFi network.

Response: "WiFi Pass changed to: "<password>

• io user

Type: IO Configuration

Usage: io user=<username>

Description: Sets the Adafruit IO username.Response: "IO User changed to: "<username>

io_key

Type: IO ConfigurationUsage: io_key=<api key>

Description: Sets the Adafruit IO API key.Response: "IO Key changed to: "<api key>

setup_io

Type: WiFi/IO Interaction

Usage: setup_io

 Description: Attempts to connect to WiFi and establish a connection with Adafruit IO. This can take up to ~20 seconds

Response: "Setting up IO", then "." every 500ms while connecting.
 Returns a status message when connection is successfully setup.

setup feed

- Type: IO Interaction
- Usage: setup_feed=<feed index>,<feed name>
- Description: Initializes Adafruit IO data feed. Valid indices are 1-10. The feed name is the feed on Adafruit IO that the data will be sent to.
- Response: "Setting up feed "<feed name>

send_data

- Type: IO Interaction
- Usage: send_data=<feed index>,<integer data>
- Description: Sends data value to Adafruit IO data feed. If you require more options than integer data, feel free to edit the upload functions and reflash your ESP-8266.
- Response: "Sending "<integer data> or error

get_data

- Type: IO Interaction
- Usage: get_data=<feed index>
- Description: Returns the last data value on the Adafruit IO feed. This
 queries from the server, it doesn't have to be the ESP-8266 that send the
 value.
- Response:<data value> or error

get name

- Type: IO Interaction
- Usage: get_name=<feed index>
- Description: Returns the name of the Adafruit IO feed associated with that index. This doesn't come from the server, this is the local association on the ESP-8266 between the index and the feed name. The feed indexes are set when the feeds are setup.
- Response: <feed name> or error