#### 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 usernameResponse: "IO User changed to: "<username>

### io\_key

Type: IO ConfigurationUsage: io key=<api key>

Description: Sets the Adafruit IO API keyResponse: "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
- o 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
- o 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
- o Response: "Sending "<integer data>