

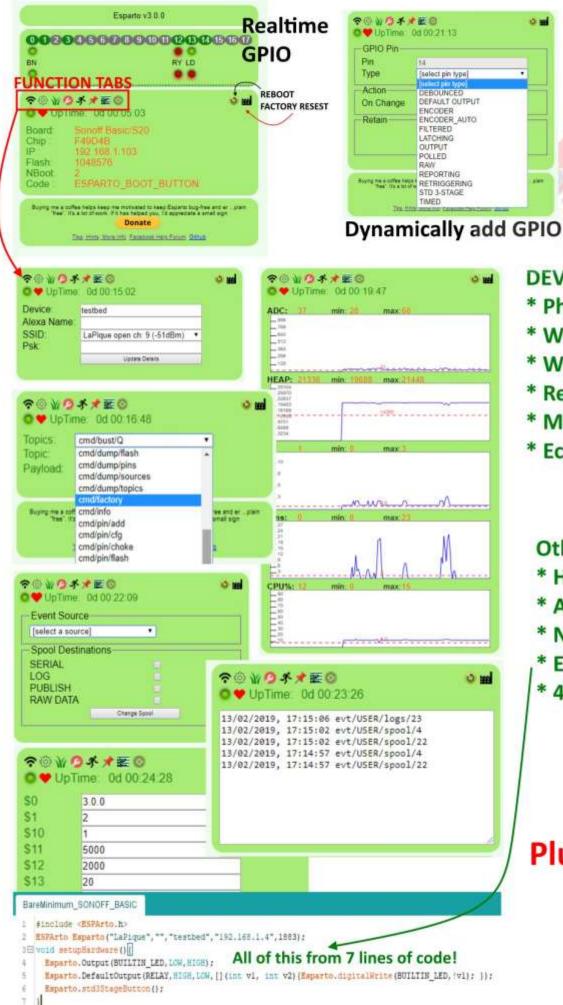
From beginner through to Master: how to develop "bombproof" ESP8266 IOT apps in minutes using the Esparto rapid application development framework

Esparto v3.0

ESP8266 web UI cheat sheet

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Esparto v3.0 Feature Preview



Runs on:
Wemos D1/mini/pro
NodeMCU
ESP-01/S
SONOFF Basic/S20/SV
...pretty much anything
with ESP8266 in it!

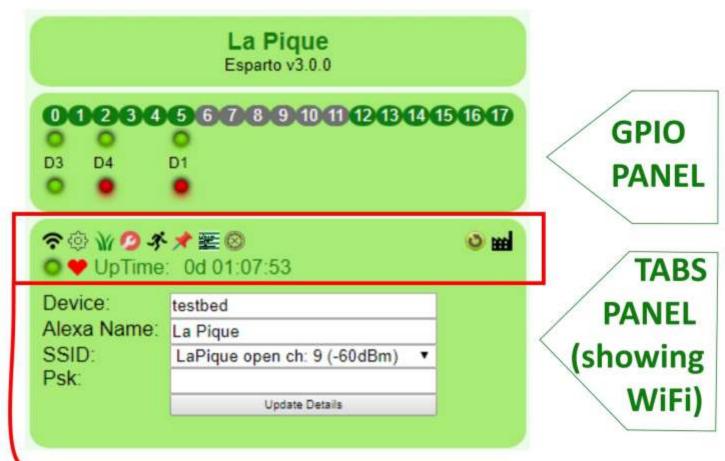
DEVICE SWITCHED BY:

- * Physical button
- * Web UI
- * Web REST command
- * Remote MQTT
- * MQTT simulator
- * Echo Voice (ALEXA)

Other Features:

- * HW functions 24/7
- * Auto fail recovery
- * No reboots
- * Easy API
- * 40+ code samples

Plus (of course!)
OTA



Common Controls

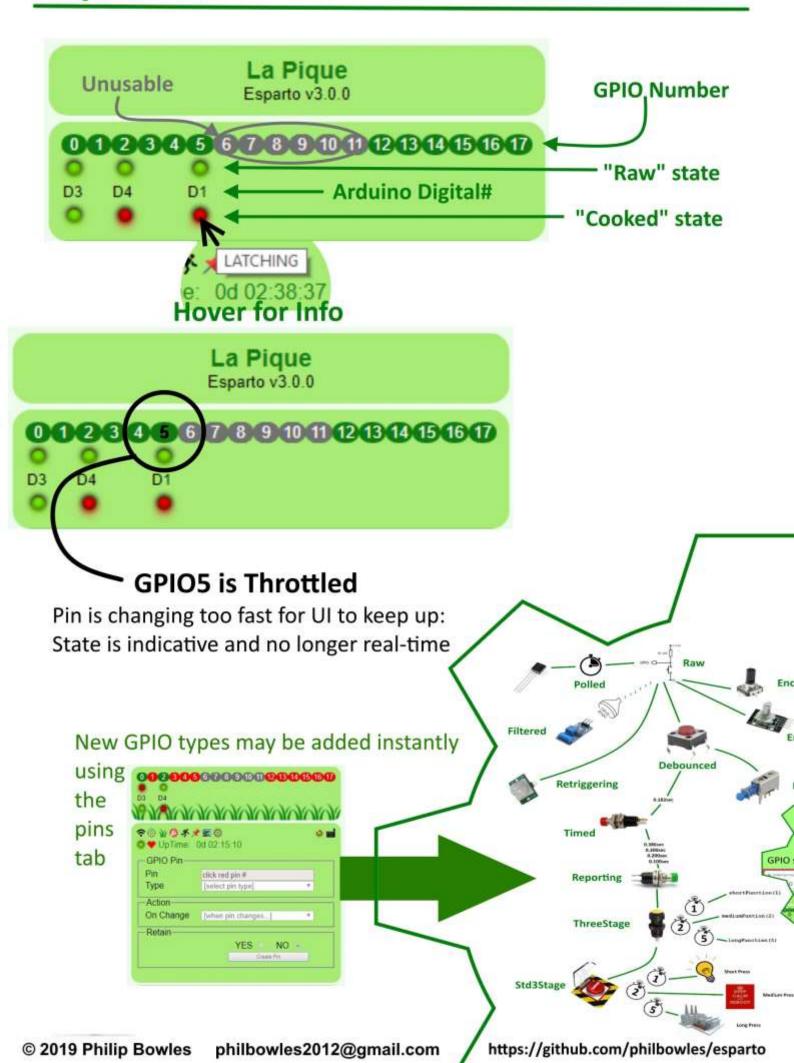
Each icon opens a new lower tab

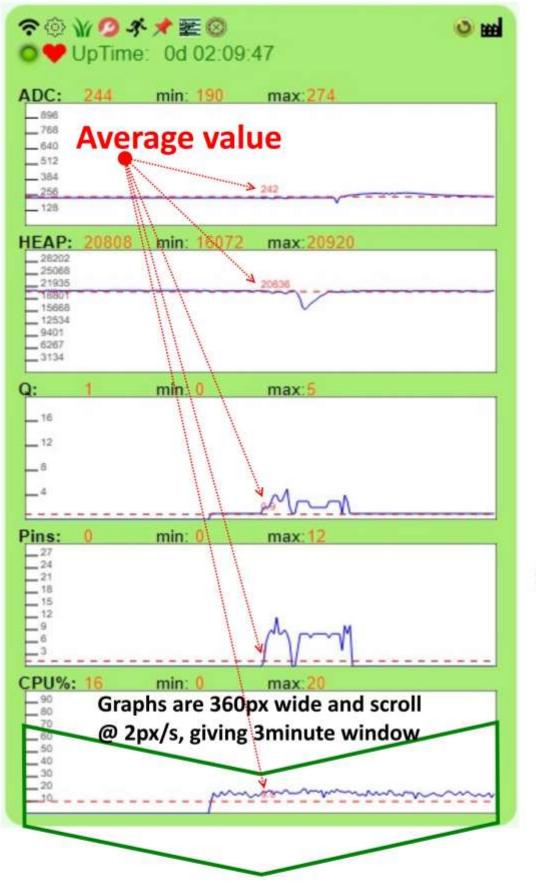












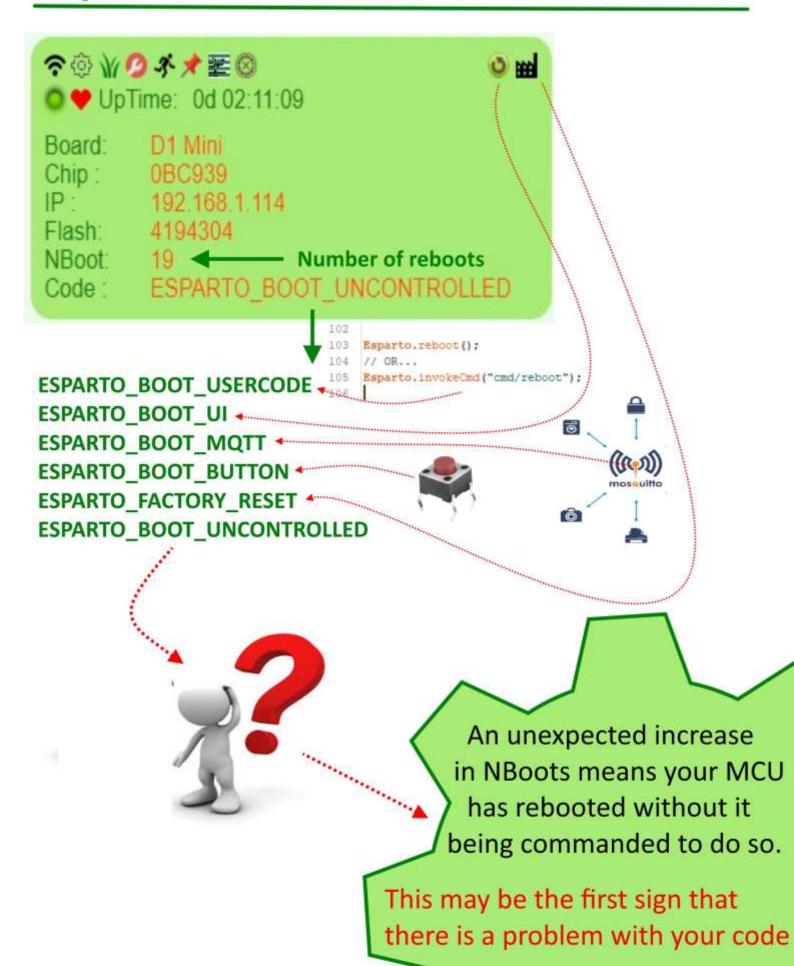
analogRead Value

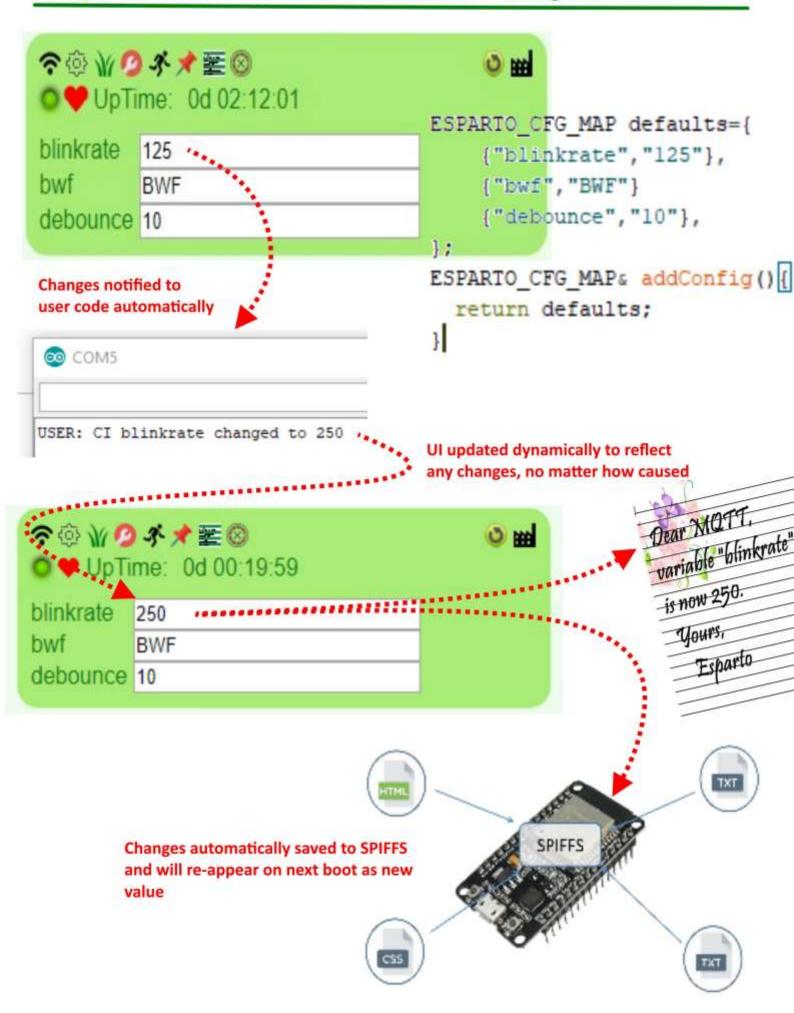
Free Heap

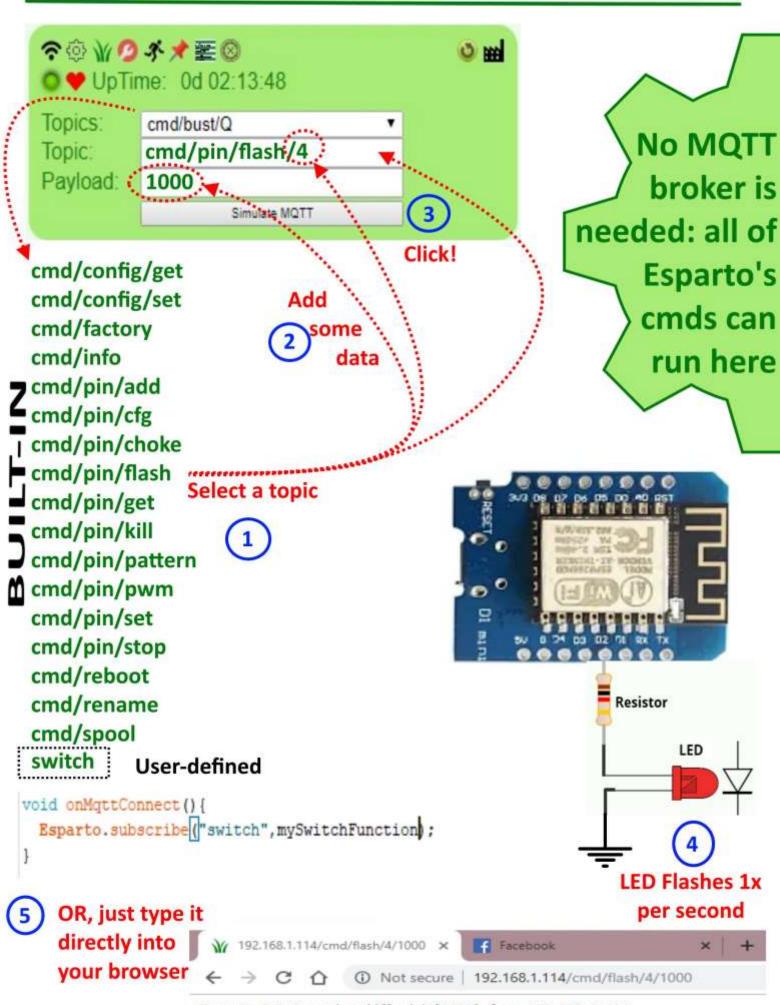
Task Queue Length

GPIO changes per second

CPU load percentage









If you don't like programming, this is for you!

```
<option value= "0">[when pin changes...
                                       K/option>.
<option value= "1">No Action
<option value= "3">Output Passthru</option>
                                              Send state to an output pin
<option value= "2">Publish Pin Value</option>
                                              Send pin value to MQTT
<option value= "9">Publish Var Value
Send value of variable to MQTT
<option value= "4">Set Var (Pin)</option>
                                              Set variable to value of pin
<option value= "5">Set Var (Param)</option>
                                            Set variable to arbitrary value
<option value= "6">Dec Var</option>
                                              Decrement a variable
<option value= "7">Inc Var</option>
                                               Increment a variable
<option value= "10">Add to Var</option>
                                         Add pin value to a variable
<option value= "11">Sub from Var</option> Subtract pin value from a variable
                                          Run any command + payload
<option value= "8">Command</option>
<option value= "12">Flash LED</option>
<option value= "13">Flash LED PWM</option</pre>
<option value= "14">Flash LED Pattern
<option value= "15">Stop LED Flash</option</pre>
```

Web User Interface: Spool and Log Tabs

