

```

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4          "type": "tab",
5          "label": "Projet_Linux_Edward",
6          "disabled": false,
7          "info": ""
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11         "type": "mqtt in",
12         "z": "1e502bf4.26b544",
13         "name": "",
14         "topic": "raspEdward/#",
15         "qos": "2",
16         "datatype": "auto",
17         "broker": "c6657fc0.d5a17",
18         "x": 90,
19         "y": 260,
20         "wires": [
21             [
22                 "a9ea9a8a.1773b8"
23             ]
24         ]
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28         "type": "ui_template",
29         "z": "1e502bf4.26b544",
30         "group": "dcd6f695a.fea688",
31         "name": "Board",
32         "order": 1,
33         "width": 0,
34         "height": 0,
35         "format": "<img src=\"/raspberrypi4_605pp.png\"/>",
36         "storeOutMessages": true,
37         "fwdInMessages": true,
38         "resendOnRefresh": true,
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45     },
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48         "type": "ui_text_input",
49         "z": "1e502bf4.26b544",
50         "name": "",
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52         "tooltip": "",
53         "group": "60adb6c2.4f63d8",
54         "order": 1,
55         "width": 0,
56         "height": 0,
57         "passthru": true,
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59         "delay": 300,
60         "topic": "",
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63         "wires": [
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65         ]
66     },
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69         "type": "function",
70         "z": "1e502bf4.26b544",

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71     "name": "parsingData",
72     "func": "var o;\nvar msg1={};\nvar msg2={};\nvar msg3={};\nvar msg4={};\nvar
msg5={};\nvar msg6={};\nvar msg7={};\nvar msg8={};\nvar msg9={};\no =
msg.payload.split(\";\");\nmsg1.payload = o[0];\nmsg2.payload =
o[1];\nmsg3.payload = o[2];\nmsg4.payload = o[3];\nmsg5.payload =
o[4];\nmsg6.payload = o[5];\nmsg7.payload = o[6];\nmsg8.payload =
o[7];\nmsg9.payload = o[8];\n\nreturn
[msg1,msg2,msg3,msg4,msg5,msg6,msg7,msg8,msg9]\",
73     "outputs": 9,
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75     "initialize": "",
76     "finalize": "",
77     "x": 290,
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81             "4c63bcec.26a084"
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83         [
84             "a800215c.cc46f"
85         ],
86         [
87             "22cff197.c8efde",
88             "ab647da5.e3f81"
89         ],
90         [
91             "863a9458.118d18",
92             "f1192d98.6ac12"
93         ],
94         [
95             "5e0a0b14.66a014",
96             "d6a54ad7.0a7e98"
97         ],
98         [
99             "edaac2f4.413ee"
100         ],
101         [
102             "953b6455.3a94c8"
103         ],
104         [
105             "70dff8a.02a004",
106             "4e0284c.b55257c",
107             "14058835.4609b8"
108         ],
109         [
110             "2a054aef.bda9c6",
111             "f8435d0c.0187c"
112         ]
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115 {
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125     "height": 0,
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128     "delay": 300,
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131     "y": 80,
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133         []
134     ]

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149     "delay": 300,
150     "topic": "",
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152     "y": 120,
153     "wires": [
154         []
155     ]
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159     "type": "ui_chart",
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161     "name": "",
162     "group": "a3d11bd6.7bc108",
163     "order": 1,
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165     "height": 0,
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169     "xformat": "HH:mm:ss",
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171     "nodata": "",
172     "dot": false,
173     "ymin": "",
174     "ymax": "",
175     "removeOlder": 1,
176     "removeOlderPoints": "",
177     "removeOlderUnit": "3600",
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180     "useUTC": false,
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182         "#1f77b4",
183         "#aec7e8",
184         "#ff7f0e",
185         "#2ca02c",
186         "#98df8a",
187         "#d62728",
188         "#ff9896",
189         "#9467bd",
190         "#c5b0d5"
191     ],
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196         []
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201     "type": "ui_text_input",
202     "z": "1e502bf4.26b544",
203     "name": "",
204     "label": "TempGPU",

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222         "type": "ui_chart",
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241         "cutout": 0,
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243         "useUTC": false,
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247             "#ff7f0e",
248             "#2ca02c",
249             "#98df8a",
250             "#d62728",
251             "#ff9896",
252             "#9467bd",
253             "#c5b0d5"
254         ],
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267         "label": "VoltCPU",
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285         "type": "ui_chart",
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287         "name": "",
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305         "useOneColor": false,
306         "useUTC": false,
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308             "#1f77b4",
309             "#aec7e8",
310             "#ff7f0e",
311             "#2ca02c",
312             "#98df8a",
313             "#d62728",
314             "#ff9896",
315             "#9467bd",
316             "#c5b0d5"
317         ],
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320         "y": 480,
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322             []
323         ]
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327         "type": "ui_text_input",
328         "z": "1e502bf4.26b544",
329         "name": "",
330         "label": "MyHost",
331         "tooltip": "",
332         "group": "60adb6c2.4f63d8",
333         "order": 6,
334         "width": 0,
335         "height": 0,
336         "passthru": true,
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338         "delay": 300,
339         "topic": "",
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341         "y": 240,
342         "wires": [
343             []
344         ]
345     }
346 ]

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351     "label": "Date",
352     "tooltip": "",
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354     "order": 7,
355     "width": 0,
356     "height": 0,
357     "passthru": true,
358     "mode": "text",
359     "delay": 300,
360     "topic": "",
361     "x": 570,
362     "y": 280,
363     "wires": [
364         []
365     ]
366 },
367 {
368     "id": "70dffd8a.02a004",
369     "type": "ui_text_input",
370     "z": "1e502bf4.26b544",
371     "name": "",
372     "label": "DS18B20",
373     "tooltip": "",
374     "group": "60adb6c2.4f63d8",
375     "order": 8,
376     "width": 0,
377     "height": 0,
378     "passthru": true,
379     "mode": "text",
380     "delay": 300,
381     "topic": "",
382     "x": 580,
383     "y": 320,
384     "wires": [
385         []
386     ]
387 },
388 {
389     "id": "2a054aef.bda9c6",
390     "type": "ui_text_input",
391     "z": "1e502bf4.26b544",
392     "name": "",
393     "label": "Relay",
394     "tooltip": "",
395     "group": "60adb6c2.4f63d8",
396     "order": 9,
397     "width": 0,
398     "height": 0,
399     "passthru": true,
400     "mode": "text",
401     "delay": 300,
402     "topic": "",
403     "x": 570,
404     "y": 360,
405     "wires": [
406         []
407     ]
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409 {
410     "id": "331f823d.f37f1e",
411     "type": "ui_template",
412     "z": "1e502bf4.26b544",
413     "group": "cc9bc59a.666388",
414     "name": "Capteur",

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415     "order": 1,
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417     "height": 0,
418     "format": "<img src=\" /DS18B20.png\" />",
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420     "fwdInMessages": true,
421     "resendOnRefresh": true,
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424     "y": 100,
425     "wires": [
426         []
427     ]
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429 {
430     "id": "de3537fc.1611d8",
431     "type": "ui_template",
432     "z": "1e502bf4.26b544",
433     "group": "192e6bc0.808504",
434     "name": "L'actionneur",
435     "order": 1,
436     "width": 0,
437     "height": 0,
438     "format": "<img src=\" /Relay2Module.png\" />",
439     "storeOutMessages": true,
440     "fwdInMessages": true,
441     "resendOnRefresh": true,
442     "templateScope": "local",
443     "x": 110,
444     "y": 140,
445     "wires": [
446         []
447     ]
448 },
449 {
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451     "type": "ui_chart",
452     "z": "1e502bf4.26b544",
453     "name": "",
454     "group": "cc9bc59a.666388",
455     "order": 2,
456     "width": 0,
457     "height": 0,
458     "label": "Température",
459     "chartType": "line",
460     "legend": "false",
461     "xformat": "HH:mm:ss",
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463     "nodata": "",
464     "dot": false,
465     "ymin": "",
466     "ymax": "",
467     "removeOlder": 1,
468     "removeOlderPoints": "",
469     "removeOlderUnit": "3600",
470     "cutout": 0,
471     "useOneColor": false,
472     "useUTC": false,
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474         "#1f77b4",
475         "#aec7e8",
476         "#ff7f0e",
477         "#2ca02c",
478         "#98df8a",
479         "#d62728",
480         "#ff9896",
481         "#9467bd",
482         "#c5b0d5"
483     ],
484     "outputs": 1,

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486         "y": 560,
487         "wires": [
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489         ]
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493         "type": "ui_gauge",
494         "z": "1e502bf4.26b544",
495         "name": "",
496         "group": "cc9bc59a.666388",
497         "order": 3,
498         "width": 0,
499         "height": 0,
500         "gtype": "donut",
501         "title": "",
502         "label": "Le degré Celsius",
503         "format": "{{value}} °C",
504         "min": "-55",
505         "max": "125",
506         "colors": [
507             "#00b500",
508             "#e6e600",
509             "#ca3838"
510         ],
511         "seg1": "",
512         "seg2": "",
513         "x": 470,
514         "y": 600,
515         "wires": []
516     },
517     {
518         "id": "5d770393.1b104c",
519         "type": "ui_led",
520         "z": "1e502bf4.26b544",
521         "group": "192e6bc0.808504",
522         "order": 2,
523         "width": "0",
524         "height": "0",
525         "label": "LED d'Etat du Relay",
526         "labelPlacement": "left",
527         "labelAlignment": "left",
528         "colorForValue": [
529             {
530                 "color": "red",
531                 "value": "0",
532                 "valueType": "num"
533             },
534             {
535                 "color": "green",
536                 "value": "1",
537                 "valueType": "num"
538             }
539         ],
540         "allowColorForValueInMessage": false,
541         "name": "Relay Led ",
542         "x": 480,
543         "y": 640,
544         "wires": []
545     },
546     {
547         "id": "f8435d0c.0187c",
548         "type": "function",
549         "z": "1e502bf4.26b544",
550         "name": "",
551         "func": "var payload = msg.payload; \nif (msg.payload === \"Relay ON\"
552         ){\n    msg.payload = 1;\n} else {\n    msg.payload =
0;\n}\n\nmsg.payload = payload[0];\nreturn msg;",
553         "outputs": 1,

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```

553     "noerr": 0,
554     "initialize": "",
555     "finalize": "",
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557     "y": 640,
558     "wires": [
559         [
560             "5d770393.1b104c"
561         ]
562     ]
563 },
564 {
565     "id": "c6657fc0.d5a17",
566     "type": "mqtt-broker",
567     "name": "",
568     "broker": "localhost",
569     "port": "1883",
570     "clientid": "",
571     "usetls": false,
572     "compatmode": false,
573     "keepalive": "60",
574     "cleansession": true,
575     "birthTopic": "",
576     "birthQos": "0",
577     "birthPayload": "",
578     "closeTopic": "",
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580     "closePayload": "",
581     "willTopic": "",
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583     "willPayload": ""
584 },
585 {
586     "id": "dcd6f695a.fea688",
587     "type": "ui_group",
588     "name": "Board Raspberry Pi 4 Model B",
589     "tab": "12d17651.elb43a",
590     "order": 1,
591     "disp": true,
592     "width": "6",
593     "collapse": false
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596     "id": "60adb6c2.4f63d8",
597     "type": "ui_group",
598     "name": "Board Information",
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600     "order": 2,
601     "disp": true,
602     "width": "6",
603     "collapse": false
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606     "id": "a3d11bd6.7bc108",
607     "type": "ui_group",
608     "name": "Waves",
609     "tab": "12d17651.elb43a",
610     "order": 3,
611     "disp": true,
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613     "collapse": false
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616     "id": "cc9bc59a.666388",
617     "type": "ui_group",
618     "name": "Capteur 1-Wire (GPIO-04)",
619     "tab": "12d17651.elb43a",
620     "order": 4,
621     "disp": true,
622     "width": "6",

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623         "collapse": false
624     },
625     {
626         "id": "192e6bc0.808504",
627         "type": "ui_group",
628         "name": "L'actionneur Relay (GPIO-17)",
629         "tab": "12d17651.elb43a",
630         "order": 5,
631         "disp": true,
632         "width": "6",
633         "collapse": false
634     },
635     {
636         "id": "12d17651.elb43a",
637         "type": "ui_tab",
638         "name": "PROJET LINUX POUR L'EMBARQUÉ Edward PAEZ ©2020, Encadrant M. Walid  
ABDAOUI",
639         "icon": "dashboard",
640         "disabled": false,
641         "hidden": false
642     }
643 ]
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