Código de los flujos en Node-RED.

[

{

"id": "87a304397ab071e2",

"type": "tab",

"label": "TFG Javier Gil",

"disabled": false,

"info": "",

"env": []

},

{

"id": "b60167af36f90a0d",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": false,

"onceDelay": 0.1,

"topic": "",

"payload": "2C3AE80EA525",

"payloadType": "str",

"x": 460,

"y": 120,

"wires": [

[

"82a2b49255e8d590"

]

]

},

{

"id": "82a2b49255e8d590",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "msg.topic=\"infind/espnowdevice\";\nmsg.payload ={\"mac\":msg.payload,\"topic\":\"config\", \"payload\":{\"sleep\":900,\"timeout\":4000}};\nreturn msg;\n",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 640,

"y": 160,

"wires": [

[

"9a0944994a6a87b8",

"3aa4a3ed44f9c188"

]

]

},

{

"id": "9a0944994a6a87b8",

"type": "mqtt out",

"z": "87a304397ab071e2",

"name": "",

"topic": "",

"qos": "",

"retain": "",

"respTopic": "",

"contentType": "",

"userProps": "",

"correl": "",

"expiry": "",

"broker": "2b251178.95ad2e",

"x": 1070,

"y": 160,

"wires": []

},

{

"id": "f21af1361ae116f8",

"type": "comment",

"z": "87a304397ab071e2",

"name": "Envío de mensaje al dispositivo",

"info": "",

"x": 190,

"y": 200,

"wires": []

},

{

"id": "555724660a60f462",

"type": "comment",

"z": "87a304397ab071e2",

"name": "mensajes del dispositivo",

"info": "",

"x": 150,

"y": 960,

"wires": []

},

{

"id": "af5708afbc2a25be",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": false,

"onceDelay": 0.1,

"topic": "",

"payload": "ECFABC58E695",

"payloadType": "str",

"x": 440,

"y": 200,

"wires": [

[

"82a2b49255e8d590"

]

]

},

{

"id": "9f8bf1ae99f582c9",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "msg.topic = \"infind/espnowdevice\";\n\nif (msg.payload) {\n msg.payload = {\"mac\":global.get(\"mac\_seleccionada\"),\"topic\":\"fota\", \"payload\":null};\n return msg;\n}",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 320,

"y": 2520,

"wires": [

[

"5863f997902e0d33"

]

]

},

{

"id": "5863f997902e0d33",

"type": "mqtt out",

"z": "87a304397ab071e2",

"name": "",

"topic": "",

"qos": "",

"retain": "",

"respTopic": "",

"contentType": "",

"userProps": "",

"correl": "",

"expiry": "",

"broker": "2b251178.95ad2e",

"x": 570,

"y": 2520,

"wires": []

},

{

"id": "aff731b08bd88c88",

"type": "comment",

"z": "87a304397ab071e2",

"name": "Envío orden FOTA",

"info": "",

"x": 170,

"y": 2460,

"wires": []

},

{

"id": "622ac4639d8262ec",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": false,

"onceDelay": 0.1,

"topic": "",

"payload": "5CCF7FA1B123",

"payloadType": "str",

"x": 460,

"y": 280,

"wires": [

[

"82a2b49255e8d590"

]

]

},

{

"id": "58a0161e2cd92ef6",

"type": "json",

"z": "87a304397ab071e2",

"name": "",

"property": "payload",

"action": "",

"pretty": false,

"x": 410,

"y": 1040,

"wires": [

[

"668fc49123c4ac75"

]

]

},

{

"id": "507ac751219f1063",

"type": "mqtt in",

"z": "87a304397ab071e2",

"name": "",

"topic": "infind/espnow/+/datos",

"qos": "2",

"datatype": "utf8",

"broker": "2b251178.95ad2e",

"nl": false,

"rap": false,

"inputs": 0,

"x": 160,

"y": 1040,

"wires": [

[

"58a0161e2cd92ef6",

"eaa527a7b79673f9"

]

]

},

{

"id": "951a7221aa8211ab",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "payload",

"pt": "msg",

"to": "payload[0].payload.T1",

"tot": "msg",

"dc": true

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1400,

"y": 1100,

"wires": [

[

"7e41c6017e5f63cc"

]

]

},

{

"id": "7e41c6017e5f63cc",

"type": "ui\_gauge",

"z": "87a304397ab071e2",

"name": "",

"group": "b9094f8c26d851e0",

"order": 2,

"width": "7",

"height": "5",

"gtype": "gage",

"title": "TEMPERATURA SENSOR 1",

"label": "ºC",

"format": "{{value | number:1}}",

"min": "-10",

"max": "60",

"colors": [

"#0080ff",

"#008000",

"#ca3838"

],

"seg1": "",

"seg2": "",

"diff": false,

"className": "",

"x": 1800,

"y": 1100,

"wires": []

},

{

"id": "55a81a278f7bb5ba",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "payload",

"pt": "msg",

"to": "payload[0].payload.T2",

"tot": "msg",

"dc": true

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1400,

"y": 1220,

"wires": [

[

"f6134fa067f46f9f"

]

]

},

{

"id": "f6134fa067f46f9f",

"type": "ui\_gauge",

"z": "87a304397ab071e2",

"name": "",

"group": "b9094f8c26d851e0",

"order": 4,

"width": "7",

"height": "5",

"gtype": "gage",

"title": "TEMPERATURA SENSOR 2",

"label": "ºC",

"format": "{{value | number:1}}",

"min": "-10",

"max": "60",

"colors": [

"#0080ff",

"#008000",

"#ca3838"

],

"seg1": "",

"seg2": "",

"diff": false,

"className": "",

"x": 1700,

"y": 1220,

"wires": []

},

{

"id": "9d7034c9e6817f94",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "payload",

"pt": "msg",

"to": "payload[0].payload.T3",

"tot": "msg",

"dc": true

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1400,

"y": 1340,

"wires": [

[

"82872eb9f27bf71a"

]

]

},

{

"id": "82872eb9f27bf71a",

"type": "ui\_gauge",

"z": "87a304397ab071e2",

"name": "",

"group": "b9094f8c26d851e0",

"order": 6,

"width": "7",

"height": "5",

"gtype": "gage",

"title": "TEMPERATURA SENSOR 3",

"label": "ºC",

"format": "{{value | number:1}}",

"min": "-10",

"max": "60",

"colors": [

"#0080ff",

"#008000",

"#ca3838"

],

"seg1": "",

"seg2": "",

"diff": false,

"className": "",

"x": 1700,

"y": 1340,

"wires": []

},

{

"id": "35f4e4aac7c5af8b",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "payload",

"pt": "msg",

"to": "payload[0].payload.hum",

"tot": "msg",

"dc": true

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1400,

"y": 1480,

"wires": [

[

"a90ba36e999cae4d"

]

]

},

{

"id": "a90ba36e999cae4d",

"type": "ui\_gauge",

"z": "87a304397ab071e2",

"name": "",

"group": "b9094f8c26d851e0",

"order": 8,

"width": "7",

"height": "5",

"gtype": "wave",

"title": "SENSOR HUMEDAD",

"label": "%",

"format": "{{value | number:1}}",

"min": 0,

"max": "100",

"colors": [

"#0080ff",

"#008000",

"#ca3838"

],

"seg1": "",

"seg2": "",

"diff": false,

"className": "",

"x": 1680,

"y": 1480,

"wires": []

},

{

"id": "2395b45e8c894841",

"type": "comment",

"z": "87a304397ab071e2",

"name": "GRAFICAR ÚLTIMA LECTURA REALIZADA",

"info": "",

"x": 1500,

"y": 1040,

"wires": []

},

{

"id": "dc08cbf909f22a6b",

"type": "mqtt in",

"z": "87a304397ab071e2",

"name": "",

"topic": "infind/espnowpairing",

"qos": "2",

"datatype": "utf8",

"broker": "2b251178.95ad2e",

"nl": false,

"rap": false,

"inputs": 0,

"x": 190,

"y": 1780,

"wires": [

[

"e6e11b2b70dfeaa8",

"c29f496a3f149062"

]

]

},

{

"id": "e6e11b2b70dfeaa8",

"type": "json",

"z": "87a304397ab071e2",

"name": "",

"property": "payload",

"action": "",

"pretty": false,

"x": 420,

"y": 1780,

"wires": [

[

"b7fdb39480765b4d"

]

]

},

{

"id": "529fe0c086c2ebce",

"type": "mongodb out",

"z": "87a304397ab071e2",

"mongodb": "d6cb3481285aed5a",

"name": "",

"collection": "macs",

"payonly": true,

"upsert": true,

"multi": false,

"operation": "update",

"x": 1310,

"y": 1780,

"wires": []

},

{

"id": "b7fdb39480765b4d",

"type": "function",

"z": "87a304397ab071e2",

"name": "search before update",

"func": "msg.original = msg.payload;\nmsg.payload = {\"mac\":msg.payload.mac};\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 620,

"y": 1780,

"wires": [

[

"710bee6918ce99ab",

"2dd5878f25fcced7"

]

]

},

{

"id": "328490fb336e6e29",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": true,

"onceDelay": "1",

"topic": "",

"payload": "true",

"payloadType": "bool",

"x": 270,

"y": 2120,

"wires": [

[

"5714101e03809fd9"

]

]

},

{

"id": "5714101e03809fd9",

"type": "mongodb in",

"z": "87a304397ab071e2",

"mongodb": "d6cb3481285aed5a",

"name": "",

"collection": "macs",

"operation": "find",

"x": 550,

"y": 2120,

"wires": [

[

"1e2aa2d355fb8031",

"7a0ce9c9a40e10ba"

]

]

},

{

"id": "98348d2580a653a0",

"type": "comment",

"z": "87a304397ab071e2",

"name": "Registro de dispositivos emparejados",

"info": "",

"x": 200,

"y": 1700,

"wires": []

},

{

"id": "1e2aa2d355fb8031",

"type": "ui\_table",

"z": "87a304397ab071e2",

"group": "e5844a24b82eee5e",

"name": "MAC Table",

"order": 2,

"width": "12",

"height": "10",

"columns": [

{

"field": "mac",

"title": "MAC",

"width": "30%",

"align": "left",

"formatter": "plaintext",

"formatterParams": {

"target": "\_blank"

}

},

{

"field": "nombre",

"title": "Nombre",

"width": "",

"align": "left",

"formatter": "plaintext",

"formatterParams": {

"target": "\_blank"

}

},

{

"field": "date",

"title": "FECHA DE REGISTRO",

"width": "",

"align": "center",

"formatter": "plaintext",

"formatterParams": {

"target": "\_blank"

}

}

],

"outputs": 1,

"cts": true,

"x": 870,

"y": 1940,

"wires": [

[

"d7b1e50e871e1bf0",

"23e1c8b3079f4eb6"

]

]

},

{

"id": "91ebc27932d1c646",

"type": "ui\_form",

"z": "87a304397ab071e2",

"name": "",

"label": "",

"group": "26eb0c42.180c94",

"order": 6,

"width": 0,

"height": 0,

"options": [

{

"label": "Tiempo de hibernacion (en segundos)",

"value": "sleep",

"type": "number",

"required": true,

"rows": null

},

{

"label": "Tiempo máximo de intento de conexión (en milisegundos)",

"value": "timeout",

"type": "number",

"required": true,

"rows": null

}

],

"formValue": {

"sleep": "",

"timeout": ""

},

"payload": "",

"submit": "Enviar datos al servidor",

"cancel": "",

"topic": "",

"topicType": "str",

"splitLayout": false,

"className": "",

"x": 110,

"y": 820,

"wires": [

[

"f632e878b65ee683"

]

]

},

{

"id": "33f2532b520e7fbb",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "msg.topic = \"infind/espnowdevice\";\nmsg.payload = {\n \"mac\":flow.get('MAC'),\n \"topic\": \"config\",\n \"payload\": {\n \"sleep\": flow.get('sleep'),\n \"timeout\": flow.get('timeout')\n }\n};\nreturn msg;\n",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 620,

"y": 820,

"wires": [

[

"40497facc61bd20a"

]

]

},

{

"id": "40497facc61bd20a",

"type": "mqtt out",

"z": "87a304397ab071e2",

"name": "",

"topic": "",

"qos": "",

"retain": "",

"respTopic": "",

"contentType": "",

"userProps": "",

"correl": "",

"expiry": "",

"broker": "2b251178.95ad2e",

"x": 990,

"y": 820,

"wires": []

},

{

"id": "f632e878b65ee683",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "sleep",

"pt": "flow",

"to": "payload.sleep",

"tot": "msg"

},

{

"t": "set",

"p": "timeout",

"pt": "flow",

"to": "payload.timeout",

"tot": "msg"

},

{

"t": "set",

"p": "MAC",

"pt": "flow",

"to": "mac\_seleccionada",

"tot": "global"

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 340,

"y": 820,

"wires": [

[

"33f2532b520e7fbb"

]

]

},

{

"id": "a76cd261df538842",

"type": "mongodb out",

"z": "87a304397ab071e2",

"mongodb": "d6cb3481285aed5a",

"name": "",

"collection": "macs",

"payonly": true,

"upsert": true,

"multi": false,

"operation": "delete",

"x": 1330,

"y": 2540,

"wires": []

},

{

"id": "d12acf45a271ad32",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": false,

"onceDelay": 0.1,

"topic": "",

"payload": "{\"mac\":\"2JGP3AE80525\",\"nombre\":\"pruebajgp\"}",

"payloadType": "json",

"x": 1550,

"y": 1700,

"wires": [

[]

]

},

{

"id": "7588e74a8959038a",

"type": "function",

"z": "87a304397ab071e2",

"name": "Consulta todo",

"func": "msg.payload={};\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 620,

"y": 1920,

"wires": [

[

"5714101e03809fd9"

]

]

},

{

"id": "7a0ce9c9a40e10ba",

"type": "function",

"z": "87a304397ab071e2",

"name": "opciones",

"func": "var opciones=[];\nfor (var i = 0; i < msg.payload.length; i++) { // añade datos a los arrays\n var obj={};\n if(msg.payload[i].hasOwnProperty(\"nombre\") && msg.payload[i].nombre!=null && msg.payload[i].nombre!=\"\")\n obj[msg.payload[i].nombre]=msg.payload[i].mac;\n else\n obj[msg.payload[i].mac]=msg.payload[i].mac;\n opciones.push(obj);\n}\nmsg.options=opciones;\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 820,

"y": 2120,

"wires": [

[

"59234b4d27e31141"

]

]

},

{

"id": "c29f496a3f149062",

"type": "delay",

"z": "87a304397ab071e2",

"name": "",

"pauseType": "delay",

"timeout": "1",

"timeoutUnits": "seconds",

"rate": "1",

"nbRateUnits": "1",

"rateUnits": "second",

"randomFirst": "1",

"randomLast": "5",

"randomUnits": "seconds",

"drop": false,

"allowrate": false,

"outputs": 1,

"x": 440,

"y": 1920,

"wires": [

[

"7588e74a8959038a"

]

]

},

{

"id": "4478a8c03b287469",

"type": "comment",

"z": "87a304397ab071e2",

"name": "Generación de opciones MAC",

"info": "",

"x": 210,

"y": 2240,

"wires": []

},

{

"id": "d7b1e50e871e1bf0",

"type": "function",

"z": "87a304397ab071e2",

"name": "get mac",

"func": "msg.payload=msg.payload.mac;\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 1020,

"y": 2040,

"wires": [

[

"59234b4d27e31141"

]

]

},

{

"id": "8871526ece7219b3",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": false,

"onceDelay": 0.1,

"topic": "",

"payload": "{\"mac\":\"2JGP3AE80525\",\"nombre\":\"pruebajgp\"}",

"payloadType": "json",

"x": 350,

"y": 1620,

"wires": [

[

"b7fdb39480765b4d",

"c29f496a3f149062"

]

]

},

{

"id": "d5850c8cd92b5fcd",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "mac\_seleccionada",

"pt": "global",

"to": "payload",

"tot": "msg"

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1450,

"y": 2240,

"wires": [

[

"97adb7ec7be41ee9"

]

]

},

{

"id": "ccb98b733ad30e8f",

"type": "mongodb out",

"z": "87a304397ab071e2",

"mongodb": "3fa828c15bd37393",

"name": "",

"collection": "datos\_compost",

"payonly": true,

"upsert": false,

"multi": false,

"operation": "store",

"x": 830,

"y": 1040,

"wires": []

},

{

"id": "668fc49123c4ac75",

"type": "function",

"z": "87a304397ab071e2",

"name": "add date",

"func": "msg.payload.date=new Date();\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 580,

"y": 1040,

"wires": [

[

"ccb98b733ad30e8f"

]

]

},

{

"id": "eaa527a7b79673f9",

"type": "delay",

"z": "87a304397ab071e2",

"name": "",

"pauseType": "delay",

"timeout": "1",

"timeoutUnits": "seconds",

"rate": "1",

"nbRateUnits": "1",

"rateUnits": "second",

"randomFirst": "1",

"randomLast": "5",

"randomUnits": "seconds",

"drop": false,

"allowrate": false,

"outputs": 1,

"x": 220,

"y": 1160,

"wires": [

[

"18847f74c6b6c984",

"7fca8ee2e1081d02"

]

]

},

{

"id": "18847f74c6b6c984",

"type": "function",

"z": "87a304397ab071e2",

"name": "Consulta último",

"func": "msg.payload={\"mac\":global.get(\"mac\_seleccionada\")};\nmsg.limit=1;\nmsg.sort={\"date\":-1};\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 610,

"y": 1340,

"wires": [

[

"0ca3b3e614212e18"

]

]

},

{

"id": "0ca3b3e614212e18",

"type": "mongodb in",

"z": "87a304397ab071e2",

"mongodb": "3fa828c15bd37393",

"name": "",

"collection": "datos\_compost",

"operation": "find",

"x": 930,

"y": 1340,

"wires": [

[

"951a7221aa8211ab",

"55a81a278f7bb5ba",

"9d7034c9e6817f94",

"35f4e4aac7c5af8b",

"a83217e99022aec5",

"3f1f2a5e1db5bbd5"

]

]

},

{

"id": "b6e00f04b8412ef3",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": true,

"onceDelay": "1",

"topic": "",

"payload": "",

"payloadType": "date",

"x": 250,

"y": 1300,

"wires": [

[

"18847f74c6b6c984",

"7fca8ee2e1081d02"

]

]

},

{

"id": "a83217e99022aec5",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "payload",

"pt": "msg",

"to": "payload[0].date",

"tot": "msg"

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1400,

"y": 1600,

"wires": [

[

"32f00e445c2bd31d"

]

]

},

{

"id": "32f00e445c2bd31d",

"type": "function",

"z": "87a304397ab071e2",

"name": "Hora y fecha",

"func": "var fecha = new Date (msg.payload);\nmsg.payload = fecha.toLocaleString(\"es-ES\",{\"timeZone\":\"Europe/Madrid\"})\n;\n\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 1590,

"y": 1600,

"wires": [

[

"af59abcc092f9f68",

"90e9ec1246c5f1f9"

]

]

},

{

"id": "af59abcc092f9f68",

"type": "ui\_text",

"z": "87a304397ab071e2",

"group": "b9094f8c26d851e0",

"order": 1,

"width": "14",

"height": "1",

"name": "",

"label": "Última actualización: ",

"format": "{{msg.payload}}",

"layout": "col-center",

"className": "",

"style": false,

"font": "",

"fontSize": "",

"color": "#000000",

"x": 1800,

"y": 1600,

"wires": []

},

{

"id": "59234b4d27e31141",

"type": "ui\_dropdown",

"z": "87a304397ab071e2",

"name": "",

"label": "Seleccionar Nodo ",

"tooltip": "",

"place": "",

"group": "26eb0c42.180c94",

"order": 2,

"width": 0,

"height": 0,

"passthru": true,

"multiple": false,

"options": [],

"payload": "",

"topic": "",

"topicType": "str",

"className": "",

"x": 1150,

"y": 2240,

"wires": [

[

"d5850c8cd92b5fcd",

"ac122df71a62e3a4",

"03cc5c445fa03536"

]

]

},

{

"id": "8470a9ccd675aa0f",

"type": "ui\_text\_input",

"z": "87a304397ab071e2",

"name": "",

"label": "Nombrar/Renombrar nodo seleccionado",

"tooltip": "Nombrar nodo seleccionado",

"group": "26eb0c42.180c94",

"order": 7,

"width": "0",

"height": "0",

"passthru": true,

"mode": "text",

"delay": 300,

"topic": "payload",

"sendOnBlur": true,

"className": "",

"topicType": "msg",

"x": 240,

"y": 2780,

"wires": [

[

"a1a895489089a792"

]

]

},

{

"id": "e6d25bcc6452de21",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "",

"group": "26eb0c42.180c94",

"order": 8,

"width": "4",

"height": "1",

"passthru": false,

"label": "Asignar nombre",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "true",

"payloadType": "bool",

"topic": "",

"topicType": "str",

"x": 110,

"y": 1860,

"wires": [

[

"fff12c71ac8d4568"

]

]

},

{

"id": "11bc2edab5a1ea40",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "BTN\_FOTA",

"group": "26eb0c42.180c94",

"order": 3,

"width": "6",

"height": "1",

"passthru": false,

"label": "Actualizar firmware del sensor ",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "true",

"payloadType": "bool",

"topic": "",

"topicType": "str",

"x": 150,

"y": 2520,

"wires": [

[

"9f8bf1ae99f582c9"

]

]

},

{

"id": "a1a895489089a792",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "n\_nombre",

"pt": "global",

"to": "payload",

"tot": "msg"

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 560,

"y": 2780,

"wires": [

[

"767d4f11d142efbe"

]

]

},

{

"id": "fff12c71ac8d4568",

"type": "function",

"z": "87a304397ab071e2",

"name": "update name",

"func": "if (msg.payload) {\n msg.payload= {\"mac\":global.get(\"mac\_seleccionada\"),\"nombre\_dash\":global.get(\"n\_nombre\")};\nreturn msg;\n}",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 180,

"y": 1940,

"wires": [

[

"c29f496a3f149062",

"b7fdb39480765b4d",

"dfe3c0d7eb27eb5f"

]

]

},

{

"id": "7b912856be6f9272",

"type": "comment",

"z": "87a304397ab071e2",

"name": "ACTUALIZAR NOMBRE",

"info": "",

"x": 190,

"y": 2720,

"wires": []

},

{

"id": "484d02d47ba3e3db",

"type": "function",

"z": "87a304397ab071e2",

"name": "buscar nombre",

"func": "msg.payload={\"mac\":msg.payload};\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 260,

"y": 2880,

"wires": [

[

"c7fd2d44e44b686f"

]

]

},

{

"id": "c7fd2d44e44b686f",

"type": "mongodb in",

"z": "87a304397ab071e2",

"mongodb": "d6cb3481285aed5a",

"name": "",

"collection": "macs",

"operation": "find",

"x": 490,

"y": 2880,

"wires": [

[

"eb2543f17a1db263"

]

]

},

{

"id": "eb2543f17a1db263",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "if (msg.payload[0].nombre!=undefined)\n msg.payload = msg.payload[0].nombre;\nelse\n msg.payload = \"\";\n\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 700,

"y": 2880,

"wires": [

[

"8470a9ccd675aa0f"

]

]

},

{

"id": "dfe3c0d7eb27eb5f",

"type": "delay",

"z": "87a304397ab071e2",

"name": "",

"pauseType": "delay",

"timeout": "2",

"timeoutUnits": "seconds",

"rate": "1",

"nbRateUnits": "1",

"rateUnits": "second",

"randomFirst": "1",

"randomLast": "5",

"randomUnits": "seconds",

"drop": false,

"allowrate": false,

"outputs": 1,

"x": 420,

"y": 1980,

"wires": [

[

"d7b1e50e871e1bf0"

]

]

},

{

"id": "710bee6918ce99ab",

"type": "mongodb in",

"z": "87a304397ab071e2",

"mongodb": "d6cb3481285aed5a",

"name": "",

"collection": "macs",

"operation": "find",

"x": 870,

"y": 1780,

"wires": [

[

"69cc7c590e48f27c"

]

]

},

{

"id": "69cc7c590e48f27c",

"type": "function",

"z": "87a304397ab071e2",

"name": "update",

"func": "if(msg.payload.length==0) // es nuevo en la coleccion\n{ \n msg.payload = msg.original;\n msg.payload.date= new Date(); // añade fecha\n}\nelse\n{ // ya está en la base de datos\n msg.payload = msg.payload[0];\n if(msg.original.nombre\_dash!=null) \n msg.payload.nombre=msg.original.nombre\_dash; // actualiza nombre\n else\n msg.payload.date= new Date(); // acutaliza fecha\n // no quiero volver al nombre original si el mensaje de emparejamiento viniese con nombre\n // if(msg.original.nombre!=null) msg.payload.nombre=msg.original.nombre; // actualiza nombre\n}\nmsg.query={\"mac\":msg.payload.mac};\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 1080,

"y": 1780,

"wires": [

[

"529fe0c086c2ebce",

"86b04e748be33d2c"

]

]

},

{

"id": "ac122df71a62e3a4",

"type": "link out",

"z": "87a304397ab071e2",

"name": "nuevo\_nodo",

"mode": "link",

"links": [

"990245c54697b7d1",

"cc847bdfea46db5f"

],

"x": 1235,

"y": 2300,

"wires": []

},

{

"id": "cc847bdfea46db5f",

"type": "link in",

"z": "87a304397ab071e2",

"name": "",

"links": [

"ac122df71a62e3a4"

],

"x": 95,

"y": 2880,

"wires": [

[

"484d02d47ba3e3db"

]

]

},

{

"id": "990245c54697b7d1",

"type": "link in",

"z": "87a304397ab071e2",

"name": "",

"links": [

"ac122df71a62e3a4"

],

"x": 105,

"y": 1400,

"wires": [

[

"7fca8ee2e1081d02",

"18847f74c6b6c984"

]

]

},

{

"id": "b58be11b437e1093",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "",

"group": "26eb0c42.180c94",

"order": 4,

"width": "6",

"height": "1",

"passthru": false,

"label": "Borrar nodo seleccionado",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "¿BORRAR NODO?",

"payloadType": "str",

"topic": "topic",

"topicType": "msg",

"x": 180,

"y": 2660,

"wires": [

[

"09fb91e6b67cfb46",

"b9e0d003e6a7b40b"

]

]

},

{

"id": "354515dab2e956d3",

"type": "inject",

"z": "87a304397ab071e2",

"name": "",

"props": [

{

"p": "payload"

},

{

"p": "topic",

"vt": "str"

}

],

"repeat": "",

"crontab": "",

"once": false,

"onceDelay": 0.1,

"topic": "",

"payload": "5CCF7FA1B123",

"payloadType": "str",

"x": 680,

"y": 280,

"wires": [

[

"c91bb88cca676810"

]

]

},

{

"id": "c91bb88cca676810",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "msg.topic=\"infind/espnowdevice\";\nmsg.payload ={\"mac\":msg.payload,\"topic\":\"fota\", \"payload\":{\"sleep\":900,\"timeout\":4000}};\nreturn msg;\n",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 860,

"y": 280,

"wires": [

[

"9a0944994a6a87b8"

]

]

},

{

"id": "f577109e86a8948f",

"type": "comment",

"z": "87a304397ab071e2",

"name": "BORRAR SENSOR DE TABLA",

"info": "",

"x": 210,

"y": 2600,

"wires": []

},

{

"id": "01a3d0d00f2d02af",

"type": "ui\_text",

"z": "87a304397ab071e2",

"group": "26eb0c42.180c94",

"order": 5,

"width": 0,

"height": 0,

"name": "",

"label": "CONFIGURAR PERIODO DE TOMA DE DATOS",

"format": "{{msg.payload}}",

"layout": "row-left",

"className": "",

"style": true,

"font": "Arial,Arial,Helvetica,sans-serif",

"fontSize": "21",

"color": "#42c1b5",

"x": 260,

"y": 660,

"wires": []

},

{

"id": "7deb63418fd045d3",

"type": "ui\_text",

"z": "87a304397ab071e2",

"group": "26eb0c42.180c94",

"order": 1,

"width": 0,

"height": 0,

"name": "",

"label": "SELECCIONE UN SENSOR DE LA TABLA PARA SU CONFIGURACIÓN",

"format": "{{msg.payload}}",

"layout": "row-center",

"className": "",

"style": true,

"font": "Arial,Arial,Helvetica,sans-serif",

"fontSize": "21",

"color": "#42c1b5",

"x": 320,

"y": 1540,

"wires": []

},

{

"id": "7fca8ee2e1081d02",

"type": "link out",

"z": "87a304397ab071e2",

"name": "send\_datos",

"mode": "link",

"links": [

"c92c5b52259e918a",

"fcef4cf5d6398cee",

"f624fab9010c1a31",

"7fee808708fa4ec6",

"dc101689e5c69dd5",

"80c38870ef5652a3",

"9813da79a095b9fa",

"273fbe70ea73361a",

"fb18397ba2c09f8d"

],

"x": 65,

"y": 1240,

"wires": []

},

{

"id": "90e9ec1246c5f1f9",

"type": "ui\_text",

"z": "87a304397ab071e2",

"group": "62bb676ed202c16b",

"order": 2,

"width": "20",

"height": "1",

"name": "",

"label": "Última actualización: ",

"format": "{{msg.payload}}",

"layout": "col-center",

"className": "",

"style": false,

"font": "",

"fontSize": "",

"color": "#000000",

"x": 1800,

"y": 1680,

"wires": []

},

{

"id": "23e1c8b3079f4eb6",

"type": "change",

"z": "87a304397ab071e2",

"name": "",

"rules": [

{

"t": "set",

"p": "payload",

"pt": "msg",

"to": "payload.nombre",

"tot": "msg"

}

],

"action": "",

"property": "",

"from": "",

"to": "",

"reg": false,

"x": 1100,

"y": 1940,

"wires": [

[

"95d4b3d65ec3f0a4"

]

]

},

{

"id": "95d4b3d65ec3f0a4",

"type": "ui\_text",

"z": "87a304397ab071e2",

"group": "62bb676ed202c16b",

"order": 1,

"width": "20",

"height": "1",

"name": "",

"label": "Sensor: ",

"format": "{{msg.payload}}",

"layout": "row-center",

"className": "",

"style": false,

"font": "",

"fontSize": "",

"color": "#000000",

"x": 1320,

"y": 1940,

"wires": []

},

{

"id": "97adb7ec7be41ee9",

"type": "link out",

"z": "87a304397ab071e2",

"name": "",

"mode": "link",

"links": [

"4eefc158bf26ade5"

],

"x": 1665,

"y": 2240,

"wires": []

},

{

"id": "4eefc158bf26ade5",

"type": "link in",

"z": "87a304397ab071e2",

"name": "",

"links": [

"97adb7ec7be41ee9"

],

"x": 175,

"y": 880,

"wires": [

[

"f632e878b65ee683"

]

]

},

{

"id": "767d4f11d142efbe",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": false,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "payload",

"targetType": "msg",

"statusVal": "",

"statusType": "auto",

"x": 850,

"y": 2780,

"wires": []

},

{

"id": "fb18397ba2c09f8d",

"type": "link in",

"z": "87a304397ab071e2",

"name": "",

"links": [

"7fca8ee2e1081d02"

],

"x": 195,

"y": 3060,

"wires": [

[

"d22421e2351c9e94"

]

]

},

{

"id": "d22421e2351c9e94",

"type": "function",

"z": "87a304397ab071e2",

"name": "Consulta 10 último",

"func": "msg.payload={\"mac\":global.get(\"mac\_seleccionada\")};\nmsg.limit=10;\nmsg.sort={\"date\":-1};\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 340,

"y": 3060,

"wires": [

[

"2781a03944d62c06"

]

]

},

{

"id": "2781a03944d62c06",

"type": "mongodb in",

"z": "87a304397ab071e2",

"mongodb": "3fa828c15bd37393",

"name": "",

"collection": "datos\_compost",

"operation": "find",

"x": 700,

"y": 3060,

"wires": [

[

"59c928271d044665",

"a4a09206a53a319a"

]

]

},

{

"id": "59c928271d044665",

"type": "function",

"z": "87a304397ab071e2",

"name": "Agrupar datos temp",

"func": "var t1Data = [];\nvar t2Data = [];\nvar t3Data = [];\nvar HumData = [];\nif(Array.isArray(msg.payload) && msg.payload.length>0)\n{\nfor (var i = 0; i < msg.payload.length; i++) {\n t1Data.push({ x: msg.payload[i].date, y:msg.payload[i].payload.T1 });\n t2Data.push({ x: msg.payload[i].date, y:msg.payload[i].payload.T2 });\n t3Data.push({ x: msg.payload[i].date, y:msg.payload[i].payload.T3 });\n HumData.push({ x: msg.payload[i].date, y:msg.payload[i].payload.hum });\n\n}\n}\nmsg.payload = [{\n \"series\":[\"Temp 1\", \"Temp 2\",\"Temp 3\", \"Humedad %\" ],\n \"data\":[t1Data, t2Data, t3Data, HumData],\n \n }];\n\nreturn msg;\n",

"outputs": 3,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 990,

"y": 3060,

"wires": [

[

"47847531e948acad"

],

[

"47847531e948acad"

],

[

"47847531e948acad"

]

]

},

{

"id": "47847531e948acad",

"type": "ui\_chart",

"z": "87a304397ab071e2",

"name": "",

"group": "62bb676ed202c16b",

"order": 3,

"width": 0,

"height": 0,

"label": "Gráfico Temporal de Temperaturas ºC y Humedad %",

"chartType": "line",

"legend": "true",

"xformat": "dd HH:mm",

"interpolate": "linear",

"nodata": "",

"dot": false,

"ymin": "auto",

"ymax": "auto",

"removeOlder": "5",

"removeOlderPoints": "",

"removeOlderUnit": "604800",

"cutout": 0,

"useOneColor": false,

"useUTC": true,

"colors": [

"#d62728",

"#ffff00",

"#2ca02c",

"#8b8bf9",

"#000000",

"#000000",

"#000000",

"#000000",

"#000000"

],

"outputs": 1,

"useDifferentColor": false,

"className": "",

"x": 1450,

"y": 3060,

"wires": [

[]

]

},

{

"id": "7f391bb4ce07306d",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "var ms\_per\_minute = 60000;\nvar now\_ms = new Date().getTime();\nvar undia = new Date(now\_ms-1440\*ms\_per\_minute);\n\n\nmsg.payload={ \"date\":{\"$gte\" : undia}};\nmsg.sort = {\"date\": -1};\n\n\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 320,

"y": 3140,

"wires": [

[

"2781a03944d62c06"

]

]

},

{

"id": "c90f957104766ddd",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "var ms\_per\_minute = 60000;\nvar now\_ms = new Date().getTime();\nvar unasemana = new Date(now\_ms-10080\*ms\_per\_minute);\n\n\nmsg.payload={ \"date\":{\"$gte\" : unasemana}};\nmsg.sort = {\"date\": -1};\n\n\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 320,

"y": 3220,

"wires": [

[

"2781a03944d62c06"

]

]

},

{

"id": "7895a8c5e697cb60",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "",

"group": "62bb676ed202c16b",

"order": 7,

"width": 0,

"height": 0,

"passthru": false,

"label": "Último Mes",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "",

"payloadType": "str",

"topic": "topic",

"topicType": "msg",

"x": 130,

"y": 3360,

"wires": [

[

"8cbf9bd1d3a56c95"

]

]

},

{

"id": "28eaa6a4c24e3550",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "",

"group": "62bb676ed202c16b",

"order": 5,

"width": 0,

"height": 0,

"passthru": false,

"label": "Última Semana",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "",

"payloadType": "str",

"topic": "topic",

"topicType": "msg",

"x": 120,

"y": 3220,

"wires": [

[

"c90f957104766ddd"

]

]

},

{

"id": "00e2e34738cd0dc5",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "",

"group": "62bb676ed202c16b",

"order": 4,

"width": 0,

"height": 0,

"passthru": false,

"label": "Últimas 24H",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "",

"payloadType": "str",

"topic": "topic",

"topicType": "msg",

"x": 130,

"y": 3140,

"wires": [

[

"7f391bb4ce07306d"

]

]

},

{

"id": "6615965090076030",

"type": "ui\_button",

"z": "87a304397ab071e2",

"name": "",

"group": "62bb676ed202c16b",

"order": 6,

"width": 0,

"height": 0,

"passthru": false,

"label": "15 días",

"tooltip": "",

"color": "",

"bgcolor": "",

"className": "",

"icon": "",

"payload": "",

"payloadType": "str",

"topic": "topic",

"topicType": "msg",

"x": 140,

"y": 3300,

"wires": [

[

"26ae9f214964aed0"

]

]

},

{

"id": "26ae9f214964aed0",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "var ms\_per\_minute = 60000;\nvar now\_ms = new Date().getTime();\nvar unasemana = new Date(now\_ms-10080\*15\*ms\_per\_minute/7);\n\n\nmsg.payload={ \"date\":{\"$gte\" : unasemana}};\nmsg.sort = {\"date\": -1};\n\n\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 320,

"y": 3300,

"wires": [

[

"2781a03944d62c06"

]

]

},

{

"id": "8cbf9bd1d3a56c95",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": "var ms\_per\_minute = 60000;\nvar now\_ms = new Date().getTime();\nvar unmes = new Date(now\_ms-43800\*ms\_per\_minute);\n\n\nmsg.payload={ \"date\":{\"$gte\" : unmes}};\nmsg.sort = {\"date\": -1};\n\n\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 320,

"y": 3360,

"wires": [

[

"2781a03944d62c06"

]

]

},

{

"id": "62c8ec6516feecde",

"type": "comment",

"z": "87a304397ab071e2",

"name": "GRÁFICO DE DATOS EN EL HISTÓRICO ESTACIÓN COMPOST",

"info": "",

"x": 310,

"y": 3000,

"wires": []

},

{

"id": "a4a09206a53a319a",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": true,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "payload",

"targetType": "msg",

"statusVal": "",

"statusType": "auto",

"x": 1070,

"y": 3260,

"wires": []

},

{

"id": "3aa4a3ed44f9c188",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": true,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "payload",

"targetType": "msg",

"statusVal": "",

"statusType": "auto",

"x": 1150,

"y": 240,

"wires": []

},

{

"id": "3f1f2a5e1db5bbd5",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": true,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "payload",

"targetType": "msg",

"statusVal": "",

"statusType": "auto",

"x": 1390,

"y": 980,

"wires": []

},

{

"id": "2dd5878f25fcced7",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": false,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "payload",

"targetType": "msg",

"statusVal": "",

"statusType": "auto",

"x": 730,

"y": 1640,

"wires": []

},

{

"id": "86b04e748be33d2c",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": false,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "payload",

"targetType": "msg",

"statusVal": "",

"statusType": "auto",

"x": 1050,

"y": 1660,

"wires": []

},

{

"id": "03cc5c445fa03536",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": true,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "false",

"statusVal": "",

"statusType": "auto",

"x": 1430,

"y": 2340,

"wires": []

},

{

"id": "09fb91e6b67cfb46",

"type": "function",

"z": "87a304397ab071e2",

"name": "",

"func": " msg.payload = {\"mac\":global.get(\"mac\_seleccionada\")};\n\n\nreturn msg\n\n",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 860,

"y": 2540,

"wires": [

[

"a76cd261df538842",

"c29f496a3f149062"

]

]

},

{

"id": "b9e0d003e6a7b40b",

"type": "debug",

"z": "87a304397ab071e2",

"name": "",

"active": false,

"tosidebar": true,

"console": false,

"tostatus": false,

"complete": "false",

"statusVal": "",

"statusType": "auto",

"x": 1010,

"y": 2660,

"wires": []

},

{

"id": "b0222c2c4a587476",

"type": "ui\_spacer",

"z": "87a304397ab071e2",

"name": "spacer",

"group": "dc4a43cd69efa163",

"order": 2,

"width": 1,

"height": 1

},

{

"id": "848421f6659d1b23",

"type": "ui\_spacer",

"z": "87a304397ab071e2",

"name": "spacer",

"group": "e0b0849c6fa4007c",

"order": 3,

"width": 1,

"height": 1

},

{

"id": "18cd20f7d7fc7007",

"type": "ui\_spacer",

"z": "87a304397ab071e2",

"name": "spacer",

"group": "5d86daf327739ab2",

"order": 4,

"width": "6",

"height": "1"

},

{

"id": "ebba1c5f65a3dc95",

"type": "ui\_spacer",

"z": "87a304397ab071e2",

"name": "spacer",

"group": "26eb0c42.180c94",

"order": 9,

"width": "12",

"height": "1"

},

{

"id": "2b251178.95ad2e",

"type": "mqtt-broker",

"name": "iot infind",

"broker": "iot.ac.uma.es",

"port": "1883",

"clientid": "",

"autoConnect": true,

"usetls": false,

"protocolVersion": "4",

"keepalive": "60",

"cleansession": true,

"birthTopic": "",

"birthQos": "0",

"birthPayload": "",

"birthMsg": {},

"closeTopic": "",

"closeQos": "0",

"closePayload": "",

"closeMsg": {},

"willTopic": "",

"willQos": "0",

"willPayload": "",

"willMsg": {},

"sessionExpiry": ""

},

{

"id": "b9094f8c26d851e0",

"type": "ui\_group",

"name": "GRÁFICO ÚLTIMA LECTURA REALIZADA",

"tab": "284e3dbe88bd71d3",

"order": 3,

"disp": true,

"width": "14",

"collapse": false,

"className": ""

},

{

"id": "d6cb3481285aed5a",

"type": "mongodb",

"hostname": "127.0.0.1",

"topology": "direct",

"connectOptions": "",

"port": "27017",

"db": "pairing",

"name": ""

},

{

"id": "e5844a24b82eee5e",

"type": "ui\_group",

"name": "TABLA SENSORES REGISTRADOS",

"tab": "284e3dbe88bd71d3",

"order": 1,

"disp": true,

"width": "12",

"collapse": false,

"className": ""

},

{

"id": "26eb0c42.180c94",

"type": "ui\_group",

"name": "CONFIGURACIÓN ",

"tab": "284e3dbe88bd71d3",

"order": 2,

"disp": true,

"width": "12",

"collapse": false,

"className": ""

},

{

"id": "3fa828c15bd37393",

"type": "mongodb",

"hostname": "127.0.0.1",

"topology": "direct",

"connectOptions": "",

"port": "27017",

"db": "compost",

"name": ""

},

{

"id": "62bb676ed202c16b",

"type": "ui\_group",

"name": "Gráfica de Monitorización de Lecturas ",

"tab": "21812ee818b42d34",

"order": 1,

"disp": true,

"width": "20",

"collapse": false,

"className": ""

},

{

"id": "dc4a43cd69efa163",

"type": "ui\_group",

"name": "DATOS",

"tab": null,

"order": 3,

"disp": true,

"width": "6",

"collapse": false,

"className": ""

},

{

"id": "284e3dbe88bd71d3",

"type": "ui\_tab",

"name": "ESTACIÓN COMPOST",

"icon": "build",

"order": 1,

"disabled": false,

"hidden": false

},

{

"id": "21812ee818b42d34",

"type": "ui\_tab",

"name": "HISTÓRICO ESTACIÓN COMPOST",

"icon": "timeline",

"order": 2,

"disabled": false,

"hidden": false

}

]