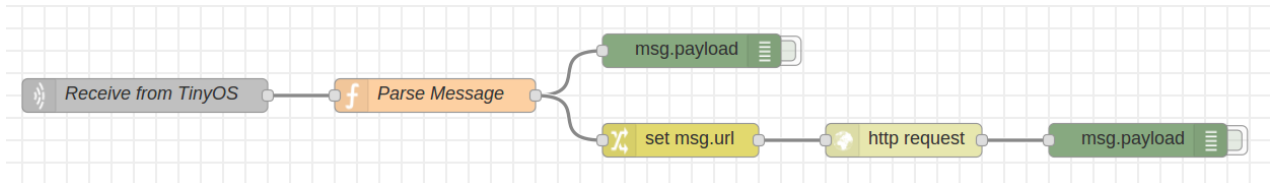


# Node-RED flow



```
[
  {
    "id": "fb7f56d3.9d0108",
    "type": "tab",
    "label": "Flow 1",
    "disabled": false,
    "info": ""
  },
  {
    "id": "5cc58586.0153a4",
    "type": "tcp in",
    "z": "fb7f56d3.9d0108",
    "name": "Receive from TinyOS",
    "server": "server",
    "host": "",
    "port": "1234",
    "datamode": "stream",
    "newline": "",
    "topic": "",
    "base64": false,
    "x": 150,
    "y": 260,
    "wires": [
      [
        "44dd2636.ecab7"
      ]
    ]
  },
  {
    "id": "44dd2636.ecab7",
    "type": "function",
    "z": "fb7f56d3.9d0108",
    "name": "Parse Message",
    "func": "var bufferArray = msg.payload; // Assuming msg.payload contains the
buffer array\n\n// Convert the array into a buffer object\nvar buffer =
Buffer.from(bufferArray);\nvar topic = \"field\"+(buffer[4]+1);\n\nvar value =
buffer[3];\n// node.warn(topic+\" value: \" + value);\nvar urlArray =
[];\n\nnewUrl =
\"https://api.thingspeak.com/update?api_key=7GD113CORBW4HZ56&\"+topic+\"=\"+valu
e;\nmsg.newUrl = newUrl;\nnode.warn(msg.newUrl);\nreturn msg;\n\n\n\n\n\n\n",
    "outputs": 1,
    "noerr": 0,
    "x": 410,
    "y": 260,
    "wires": [
      [

```

```

        "56d4bada.0fd2c4",
        "547a06b4.f705"
    ]
}
},
{
    "id": "56d4bada.0fd2c4",
    "type": "debug",
    "z": "fb7f56d3.9d0108",
    "name": "",
    "active": false,
    "tosidebar": true,
    "console": false,
    "tostatus": false,
    "complete": "payload",
    "x": 640,
    "y": 220,
    "wires": []
},
{
    "id": "547a06b4.f705",
    "type": "change",
    "z": "fb7f56d3.9d0108",
    "name": "",
    "rules": [
        {
            "t": "set",
            "p": "url",
            "pt": "msg",
            "to": "newUrl",
            "tot": "msg"
        }
    ],
    "action": "",
    "property": "",
    "from": "",
    "to": "",
    "reg": false,
    "x": 630,
    "y": 300,
    "wires": [
        [
            "8beddfe7.3d6a98"
        ]
    ]
},
{
    "id": "8beddfe7.3d6a98",
    "type": "http request",
    "z": "fb7f56d3.9d0108",
    "name": "",
    "method": "GET",
    "ret": "txt",
    "url": "",

```

```
"tls": "",
"x": 830,
"y": 300,
"wires": [
  [
    "2f7b46ef.192982"
  ]
],
},
{
  "id": "2f7b46ef.192982",
  "type": "debug",
  "z": "fb7f56d3.9d0108",
  "name": "",
  "active": false,
  "tosidebar": true,
  "console": false,
  "tostatus": false,
  "complete": "payload",
  "x": 1040,
  "y": 300,
  "wires": []
}
]
```