Node-RED flow
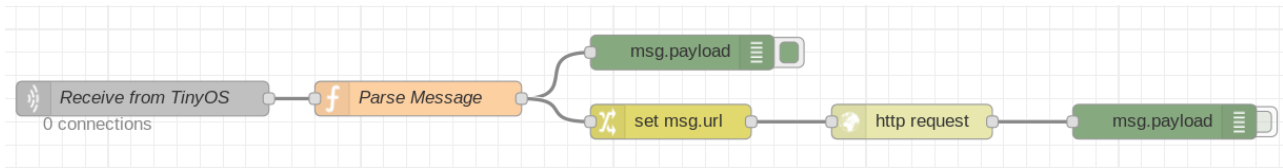
```
[
    {
        "id": "723d6915.6a279",
        "type": "tab",
        "label": "Flow 1",
        "disabled": false,
        "info": ""
    },
    {
        "id": "3b0fed5.92bdb92",
        "type": "tcp in",
        "z": "723d6915.6a279",
        "name": "Receive from TinyOS",
        "server": "server",
        "host": "",
        "port": "1234",
        "datamode": "stream",
        "newline": "",
        "topic": "",
        "base64": false,
        "x": 170,
        "y": 260,
        "wires": [
            [
                "da0f8c5a.72c8e"
            ]
        ]
    },
    {
        "id": "da0f8c5a.72c8e",
        "type": "function",
        "z": "723d6915.6a279",
        "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);\nmsg.newUrl =
\"https://api.thingspeak.com/update?api_key=7GD113CORBW4HZ56&\"+topic+\"=
\"+value;\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
```

```
            "x": 410,
            "y": 260,
            "wires": [
                [
                    "e4cc4714.3ce378",
                    "1ffd1b3.7a155e5"
                ]
            ]
        },
        {
            "id": "e4cc4714.3ce378",
            "type": "debug",
            "z": "723d6915.6a279",
            "name": "",
            "active": true,
            "tosidebar": true,
            "console": false,
            "tostatus": false,
            "complete": "payload",
            "x": 640,
            "y": 220,
            "wires": []
        },
        {
            "id": "1ffd1b3.7a155e5",
            "type": "change",
            "z": "723d6915.6a279",
            "name": "",
            "rules": [
                {
                    "t": "set",
                    "p": "url",
                    "pt": "msg",
                    "to": "newUrl",
                    "tot": "msg"
                }
            ],
            "action": "",
            "property": "",
            "from": "",
            "to": "",
            "reg": false,
            "x": 630,
            "y": 280,
            "wires": [
                [
                    "438c404b.518858"
                ]
            ]
```

```json
        },
        {
            "id": "438c404b.518858",
            "type": "http request",
            "z": "723d6915.6a279",
            "name": "",
            "method": "GET",
            "ret": "txt",
            "url": "",
            "tls": "",
            "x": 840,
            "y": 280,
            "wires": [
                [
                    "7fa02ac5.06a884"
                ]
            ]
        },
        {
            "id": "7fa02ac5.06a884",
            "type": "debug",
            "z": "723d6915.6a279",
            "name": "",
            "active": false,
            "tosidebar": true,
            "console": false,
            "tostatus": false,
            "complete": "payload",
            "x": 1060,
            "y": 280,
            "wires": []
        }
    ]
```