








SOFTWARE

KEEP YOUR EXCELSHEET UPDATED ;-) OR HOW TO BIND KENDO UI FOR JQUERY ON A SYNOLOGY TO WEBSOCKET

23.11.2017

This is not really about Excel but about Kendo Grid's ability to update grid data in the browser. This is already my second attempt as a Mosquitto based MQTT solution did not work properly.

Grid / Basic usage

Drag a column header and drop it here to group by that column			
Contact Name	Contact Title	Company Name	Country
 Maria Anders	Sales Representative	Alfreds Futterkiste	Germany
 Ana Trujillo	Owner	Ana Trujillo Emparedados y helados	Mexico
 Antonio Moreno	Owner	Antonio Moreno Taquería	Mexico
 Thomas Hardy	Sales Representative	Around the Horn	UK
 Christina Berglund	Order Administrator	Berglunds snabbköp	Sweden
 Hanna Moos	Sales Representative	Blauer See Delikatessen	Germany
 Frédérique Citeaux	Marketing Manager	Blondel père et fils	France
<div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>20</div></div><div>items per page</div><div>1 - 20 of 91 items</div></div>			

Demo Grid

Installing node.js on the Synology is straightforward – just use the package manager. We also need some local packages. Change into the target directory and type

```
npm install express
npm install typescript
npm install ws
```

Copy also app.js from <https://github.com/telerik/kendoui-ws-demo> into that directory. Unfortunately app.js breaks in line 5 (we need another port as 5000 is already occupied in the Synology). It also crashes in line 6, as the node.js V4 version needs full extension. So use the following lines

```
var WebSocketServer = require("ws").Server;
var http = require("http");
var express = require("express");
var app = express();
var port = process.env.PORT || 5050;
var products = require("./products.js");
```

Then start the server by

```
/usr/local/bin/node /volume1/web/kendoui-ws-demo-master/app.js &
```

Get the client script in kendoui.for.jquery.2017.3.1018.trial/examples/grid/web-socket.html and change the host. Take care to use ws (Websocket), not wss (Websocket secure) [unless you know what you are doing](#).

```
//var host = "wss://kendoui-ws-demo.herokuapp.com";
var host = "ws://myserver:5050";
```

That's it.

