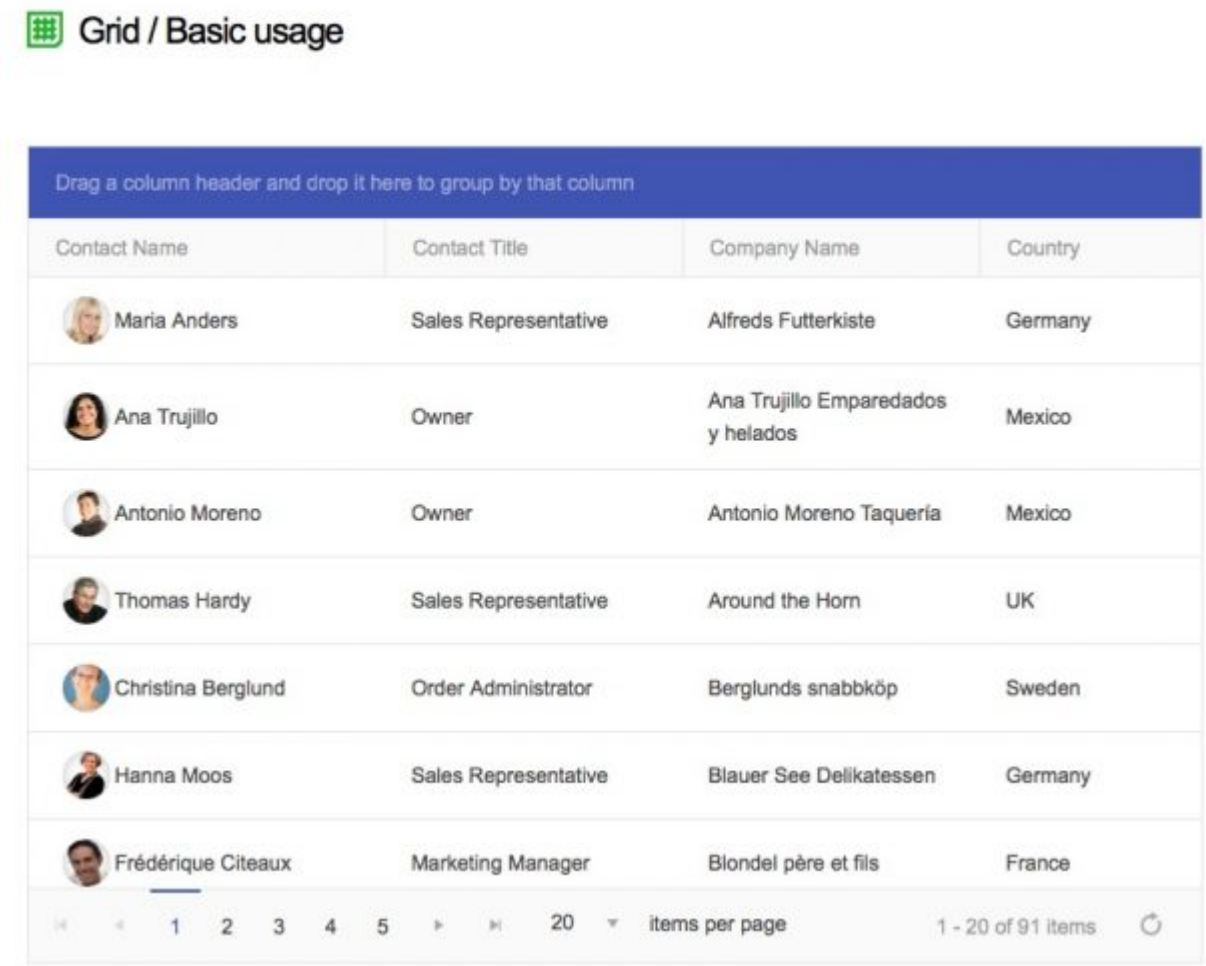
SOFTWARE

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.



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.

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