

Solution „RemoteControlSystem“ (directory description)

(version: 22.5.2015)

- **EmbeddedDeviceApplication**
Embedded control panel project, based on FEZ Spider motherboard
libraries are linked from **MessageTypes.NETMF** and **MFConsoleApplicationTest**
- **ErrorReporting**
Basic reporting class (errors, warnings,..)
- **MessageTypes**
 - **MessageTypes.cs**
Shared data structures for communication client-client and client-server
Allow serialization object from/to JSON
 - **Devices.cs**
Controlling class for PLC API
 - IpSmartboard
implementation for IpSmartBoard
 - **Rest.cs**
Rest implementation for NET-MF
- **MessageTypes.NETMF**
Project allow to compile **MessageTypes** library for NETMF
- **MFConsoleApplicationTest**
NETMF Control panel project
Implemented on generic emulator (networking, filesystem and touch display)
Contains an implementation of SignalrClient for NETMF
- **MFUnitTestProject**
Some basic unittests
 - Device
processing data from PLC
 - MessageTypes
manipulation with data (calendar, look up values)
 - SignalrClient.NETMF
 - JSON serialization/deserialization, basic types, object, arrays
 - Signalr message serialization/deserialization
- **Packages**
NuGet package repository cache.
Packages are automatically downloaded after first build
- **SQL-structures.txt**
Definition of SSQL data structures. Table relations are implemented in `SQLDataAdapter`.
- **WebManagement**
SignalR HUB API and responsive web user interface for remote control