

QML Example Project - Part 3

Submitted by DanielNG on Tue, 2017-05-23 16:35

This example is an extension to `Example_Project_2`, showing the use of Data Engine and Fieldbus Access. A fourth screen has been added, where two receiving signal values are being presented as well as two outgoing signal values. The outgoing values can be set using the "+" and "-" buttons.

All classes and the signal setup are auto-generated using the Fieldbus Access plugin in Qt Creator. The only programming needed before using the signals in QML are then:

1. Create a DataEngine object

```
DataEngine dataEngine;
```

2. Register the type


```
qmlRegisterUncreatableType<DataEngine>("CrossControl", 1,0, "DataEngine","can not instantiate DataEngine in qml");
```

3. Pass the handle to the frontend

```
view->rootContext()->setContextProperty("dataEngine", &dataEngine);
```

Displays:

- DataEngine
- FieldBus Access

Attachment	Size
 QML Example 3 (Qt-5.4.0) ARM ^[1]	22.32 MB

Environment and Versions:

DataEngine 3.0.1

LinX-Base 2.1.0

Qt-5.4.0

Category:

[QtQuick / QML-Programming ^{\[2\]}](#)

Source URL: <https://support.crosscontrol.com/kb/qml-example-project-part-3>

Links

[1] https://support.crosscontrol.com/sites/default/files/kb/example_project_3.zip

[2] <https://support.crosscontrol.com/kb/qtquick-qml-programming>