Freescale MQX FTM Quaddec Driver Example Guide FTM Quaddec Driver example

This document explains the FTM Quaddec example, what to expect from the example and a brief introduction to the API.

Note

This Example is available on AutoEVB Vybrid A5 BSP only in MQX 4.1.0 release.

The example

The FTM Quaddec example code is used to demonstrate how to use the FTM Quaddec driver in applications.

Running the example

Start HyperTerminal on the PC (Start menu->Programs->Accessories->Communications).

Make a connection to the serial port that is connected to the board (usually will be COM1).



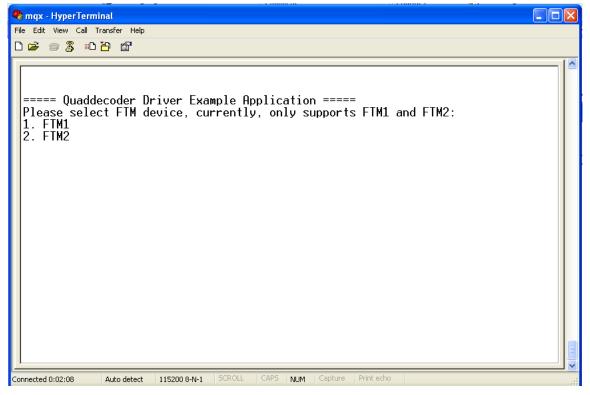
Set it for 115200 baud, no parity, 8 bits and click OK.



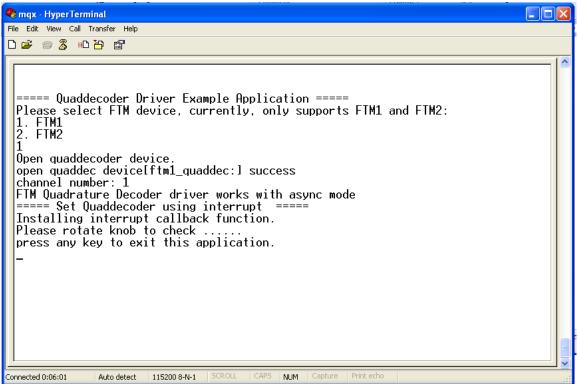
Then we compile the project FTM.

After successful build, user can download created image to the target board.

The sample code of the FTM Quaddec driver provides a simple UI: The user should select FTM device between FTM1 and FTM2:

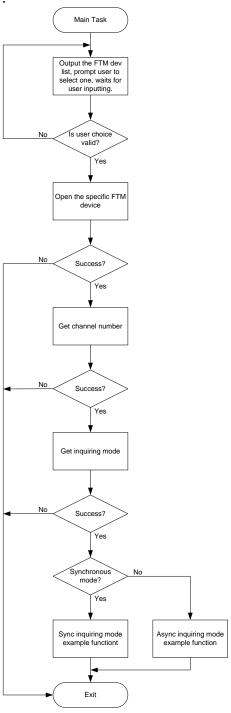


See the FTM example log:

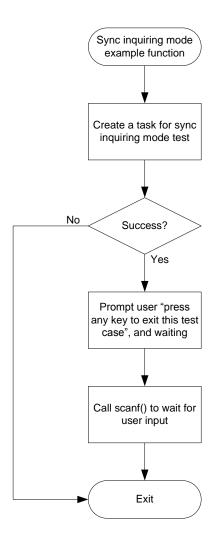


Explanation of the example

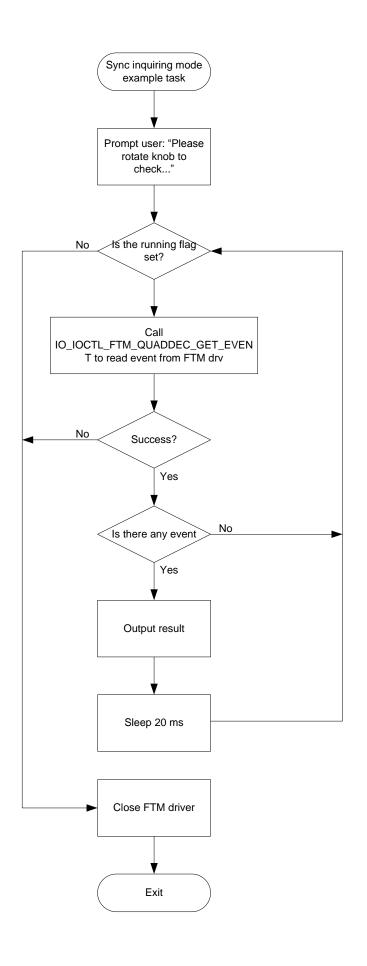
Main example flowchart:



- 1. Sync inquiring mode example
 - a. The sync inquiring mode example function flowchart:



b. The sync inquiring mode example task flowchart:



2. Async inquiring mode example

