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This software SDK is a example implementation for the IDTRONIC Reader-Host-Protocol.
The SDK is provided as open source and follows the license terms of above.

Version v1.00

The provide protocol handler consists of the following files:

rfe/device/QrfeFifo

Helper class that implements a fifo.

rfe/trace/QrfeTraceInterface

Abstract class of a trace class. Subclass this class to implement custom
tracing.

rfe/protocol/QrfeProtocolHandler

The implementation of the protocol handler. This class represents all
functions of the
Reader-Host-Protocol in separate methods.

rfe/protocol/QrfePURprotocolHandler

The implementation of the protocol handler with PUR specific functions.

rfe/protocol/QrfeMessageQueue

Used by the protocol handler to store incoming messages.

rfe/protocol/QrfeProtocolConstants

The files contains all constants defined in the protocol description.

rfe/QrfeReaderInterface

Global class with global variables and easy access to trace capability.

For test of the provided protocol handler the following files are attached:

impl/ConsoleTrace

Simple implementation of the Trace Interface. Traces everything out to the Console.

impl/Sleeper

Helper class to get access to a sleep function.

TestWidget

Test class for the protocol handler with a simple graphical user interface.

main

Initializes the test class.

***CAUTION: Change connection settings to reader here