

Quick start guide

BarcodeScannerUSB - iX Developer script module

SER0008 - connect USB barcode scanners



1 Function and area of use

This document explains how to read a barcode from a barcode scanner connected to the USB port of the X2 device.

2 About this document

This quick start document should not be considered as a complete manual. It is an aid to be able to startup a normal application quickly and easily.

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Use the following hardware, software, drivers and utilities in order to obtain a stable application:

In this document we have used following software and hardware

- iX Developer 2.40 SP4 / SP5 / SP6 and 2.50
- X2 series devices only!

For further information refer to

- iX Developer Reference Manual (MAxx831)
- iX Developer User's Guide (MAxx832)
- [Beijer Electronics knowledge database, HelpOnline](#)

This document and other quick start documents can be obtained from our homepage. Please use the address support.europe@beijerelectronics.com for feedback.

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4 Read barcode

The script module is an enhancement that gives the possibility to read out the barcode coming from an USB barcode scanner to a Tag.

The Tag “ScanCode” is specified inside the script module

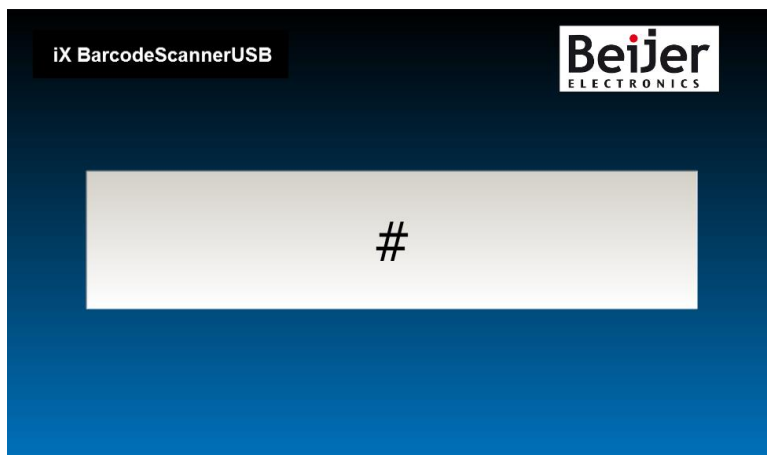
```
// replace the desired Tag here
private void ScanFinished(Object sender, EventArgs e){
    m_Timer.Enabled = false;
    Globals.Tags.ScanCode.Value = barcodeData;
    barcodeData = string.Empty;
}
```

The Data Type of the used Tag has to be STRING

Tag			Controllers	
Name	Data Type	Access Right	Data Type	Controller1
> ScanCode	STRING	ReadWrite	DEFAULT	

This example works well for X2 series devices.

Please follow below guidelines how to install into your application.



5 Adding the barcode scanner functionality

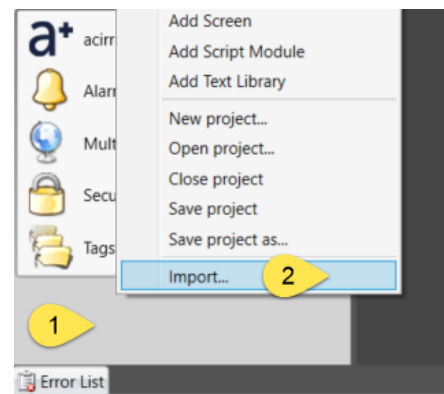
Implementation

1. Import the script module, see example project (iX_BarcodeScannerUSB).
2. Import the screen, see example project (iX_BarcodeScannerUSB).
3. Change the Data Type of the ScanCode Tag to STRING.
4. Adapt the screen to your needs.
5. Transfer the application.
6. Connect your USB barcode scanner.
7. Run the application.

5.1 Import the project parts

Follow the steps to add the enclosed screen and the script module to your iX project:

1. Unpack the enclosed example ZIP-file to a temporary folder.
2. Start iX Developer and load your project.
3. In the Project Explorer, right-click in the lower left corner (1. in the picture)
4. In the list, select Import... (2. in the picture)
5. Navigate to the temporary folder, where you unpacked the ZIP-file and select Screen1.neoxaml, click [Open].
6. Select SCM_Barcode.neo, click [Open].
7. Done!



6 About Beijer Electronics

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