XFS4IoT SP-Dev Workgroup

2nd April 2024

Confidential

- Recap from previous meeting

- Scanner support - demo

- Code template demo

- What's next?

- Next meeting

Recap from previous meeting

Recap from previous meeting

- XFS4IoT SP-Dev Framework updates

  — SP Framework package 2.1.0 is available

  — Added a Camera SP sample with support in the test client application

  — All template projects are now .NET8

  — Updated device interfaces along with SP framework package 2.0.0 or later

  — Reviewed the availability of SP Framework documentation on GitHub pages including

    - Complete API Reference for XFS4 SP-Dev Framework

    - Articles on compiling the framework and installing and using the SP-Dev Templates

- Camera SP Demo using very low-cost hardware

  — Adapted from the Camera sample, using 'libcamera' library

  — Only 13 lines of code needed

SP Framework Check Scanner support

Check Scanner support :

- What is a Check Scanner?
  - IPM (Item Processing Module) in XFS 3.xx
  - Accept a single check or a bundle of checks
  - Scan front/back of a check and generate images
  - Read code line on the check
  - Print on the check

- SP Framework
- SP Template
- SP sample code

Check Scanner support :

- Test utility (only covers bundle scanner)

Check Scanner SP demo

Template demo : Camera

SP-Dev Templates

- SP-Dev Templates supplied as NuGet package

  - [NuGet Gallery | KAL.XFS4IoT.SP-Dev.Framework.Templates 2.1.0](#)

- Used with "dotnet new" command

  - https://www.nuget.org/packages/KAL.XFS4IoT.SP-Dev.Framework.Templates

- SP-Dev Template installation steps

  - https://kal-atm-software.github.io/KAL_XFS4IoT_SP-Dev-Documentation/articles/Templates.html

Camera SP template demo

What's next?

Demos, POCs and guest speakers

- More Framework updates

- Framework roadmap

- POCs and demos

- More guest speakers

Zoom

- First Tuesday of each month at 1300 UK time for 30 mins

Next call: 7th May 2024
   1300 UK, 0800 US EST, 2100 Tokyo time

Calls are 30 mins long

We will continue to use Zoom
(Interpretation in Japanese, Chinese and Spanish is available using Zoom's interpretation feature)