XFS4IoT SP-Dev Workgroup

3 May 2022

© 2022 KAL ATM Software GmbH (KAL)

Recap from previous meeting

- Framework migration to .Net6
- Cash acceptor release and KAL demo
- Framework release 1.0.0
- TPM framework

© 2022 KAL ATM Software GmbH (KAL)

Guest speaker: GPT

© 2022 KAL ATM Software GmbH (KAL)

GPt

Currency & Security Solutions

Global Payment Technologies a division of
Bidvest Protea Coin (Pty) Ltd

WHO ARE WE

- GPT was established in 1997 as a supplier of bill validators to the casino industry;
- Since our inception we have expanded our product portfolio to include a comprehensive range of currency handling solutions;
- Distributing products such as Glory, Scan Coin & Sallen to the Gaming, Retail, Banking and CIT markets;
- GPT were acquired by Bidvest LTD in 2003, Bidvest is now represented on 4 continents with an annual turnover of 4 Billion USD.
- GPT is represented throughout South Africa and is currently providing solutions in 15 countries on the African continent.

WHAT DO WE DO…

- Our core focus areas being: Hardware sales and implementations, Software Solutions and Equipment
- end-to-end sourcing and supply of hardware
- customised software solutions and collaborative development initiatives
- Support and Maintenance programmes to support customer requirements
- Migrating devices and solutions to XFS 4 using the KAL framework

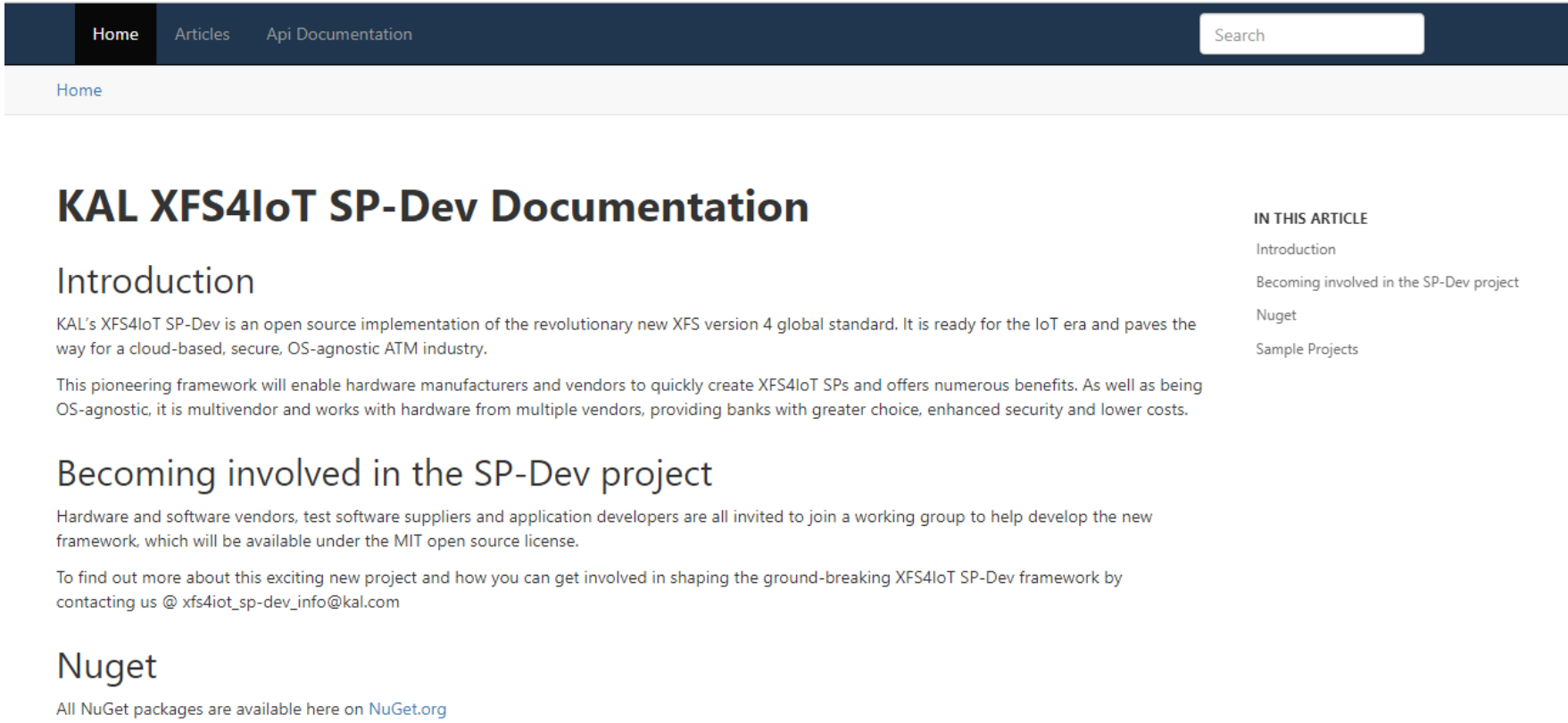
ATM Software

Framework documentation

© 2022 KAL ATM Software GmbH (KAL)

Framework documentation

- Documentation hosted as a static website on GitHub Pages
- Generated using DocFx tool

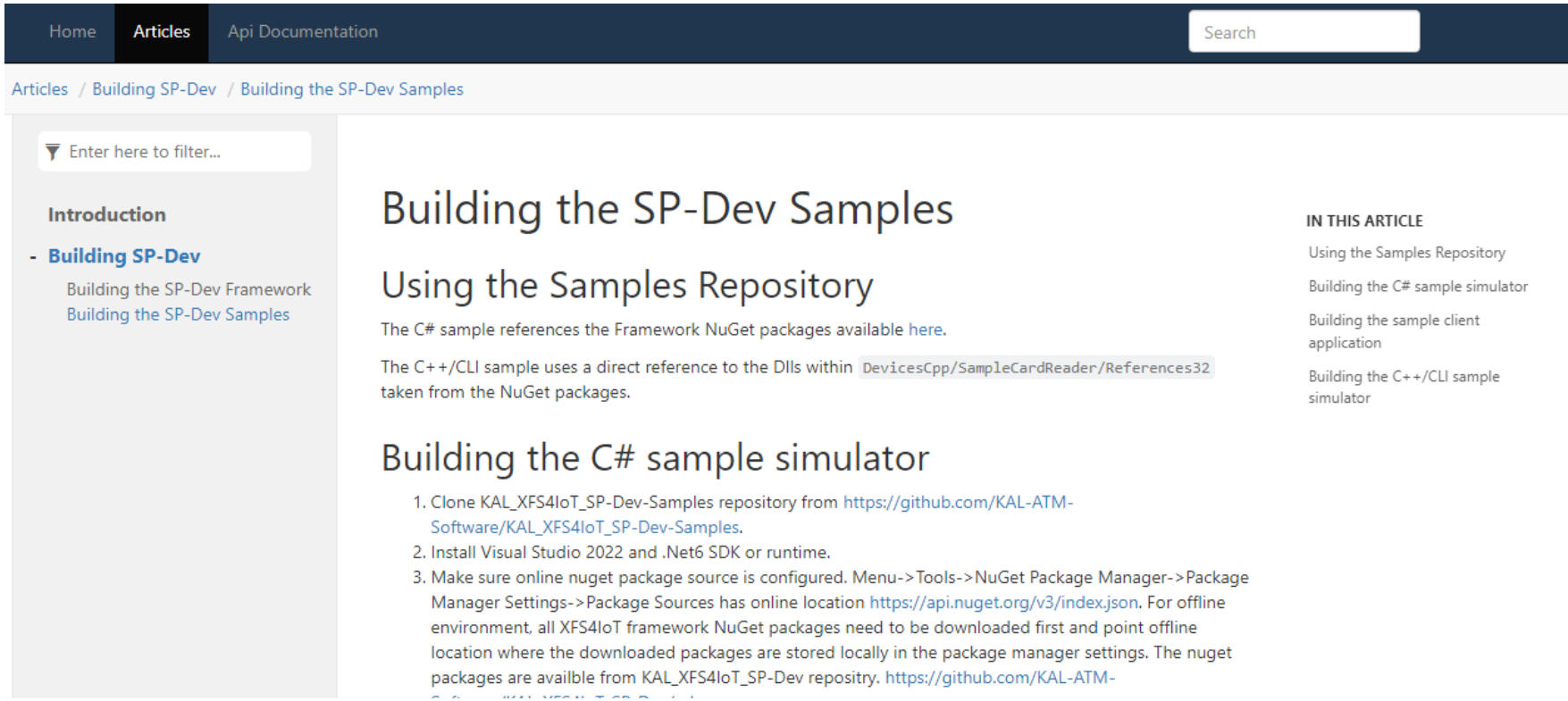


© 2022 KAL ATM Software GmbH (KAL)

Confidential. This document must not be copied or distributed without KAL's written permission

Manual documentation

- **Articles documentation created from markdown files**
- Guides to build the Framework and Samples available



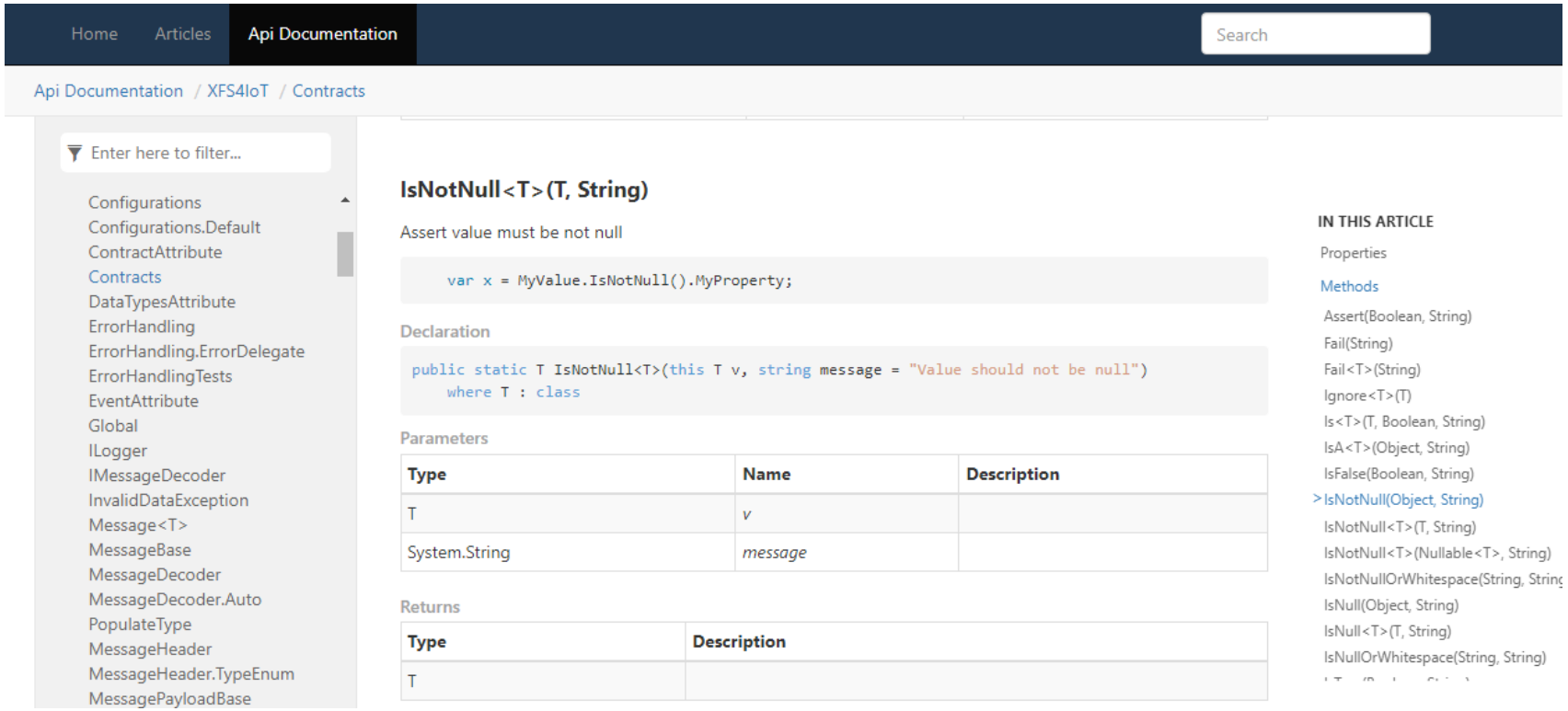
© 2022 KAL ATM Software GmbH (KAL)

Confidential. This document must not be copied or distributed without KAL's written permission

Creating the API documentation

- Comments extracted from all SP-Dev Framework classes
- Presented as an API Reference

```
/// <summary>
/// Assert value must be not null
/// <code><![CDATA[
///     var x = MyValue.IsNotNull().MyProperty;
/// ]]></code>
/// </summary>
[Contract]
30 references | Ross Kelly, 155 days ago | 2 authors, 2 changes | 2 work items
public static T IsNotNull<T>(this T? v, string message = "Value should not be null") where T:struct ⇒
```



© 2022 KAL ATM Software GmbH (KAL)

Confidential. This document must not be copied or distributed without KAL's written permission

Documentation roadmap

- Currently API Documentation and guides to build SP-Dev projects are available
- Plan to expand guides further and include frequently asked questions
- Documentation will be updated with each framework release
- Pull Requests welcome to add comments within the Framework
  — We will be working on this internally too

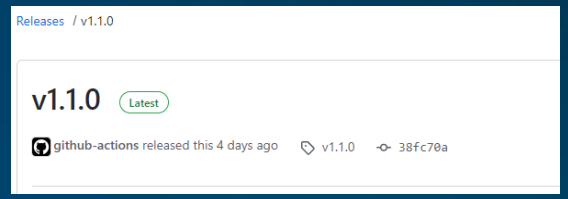
© 2022 KAL ATM Software GmbH (KAL)
Confidential. This document must not be copied or distributed without KAL's written permission

Framework update and next meeting

© 2022 KAL ATM Software GmbH (KAL)

Framework update

- **New Release version 1.1.0 available**



- Commits include all the changes for issues and feedback reported by members
  - Issues have been created on GitHub

- Update in the sample framework including for NuGet package setup

- Any feedback, bugs, changes can reported/suggested to KAL via GitHub (Issues, Pull requests…)

© 2022 KAL ATM Software GmbH (KAL)

Confidential. This document must not be copied or distributed without KAL's written permission

Next call

Zoom

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

Next call: 7th June 2022, 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 using Zoom's interpretation feature)

© 2022 KAL ATM Software GmbH (KAL)