

Release Notes

uaToolkit Embedded

Version 1.40

November / 2021

1 Release History

V1.40	12.11.2021
<p>PubSub</p> <ul style="list-style-type: none"> • Send and receive discovery announcements on separate multi-cast address (224.0.2.14, default port: 4840) • Fix calculation of status code in message header for raw encoded UADP messages. • Fix handling of TimeoutHint=0 in Publish RequestHeader <p>Server applications / Address space</p> <ul style="list-style-type: none"> • Provide limited OPC UA Client functionality to enable a server application to register with a Local Discovery Server (LDS). • Updated address space for namespace index 0 to version V1.04.9. • Implement SetTriggering service for MonitoredItems. • Fix mandatory usage of namespace index 1 by the server application. • Fix several security issues when checking a variable's data type. <p>NodesetTo tool</p> <ul style="list-style-type: none"> • Fix wrong C-code generation regarding data type dictionaries. <p>OpenSSL</p> <ul style="list-style-type: none"> • The Softing uaToolkit Embedded now uses OpenSSL version 1.1.1l 	

V1.31.0	28.11.2019
<p>New features:</p> <ul style="list-style-type: none"> • OPC UA Publisher and Subscriber improvements: Metadata and discovery announcements • OpenSSL 1.1.1 support 	

V1.30.0	01.08.2019
<p>New features:</p> <ul style="list-style-type: none"> • OPC UA Events • OPC UA Alarms & Conditions • Improved the customized generation of the SDK libraries 	

V1.20.0	05.03.2019
<p>New features:</p> <ul style="list-style-type: none"> • OPC UA Subscriber • OPC UA Publisher information model 	

V1.11.0

05.10.2018

New features:

- Dynamic OPC UA address space
- Asynchronous handling of Read, Write, Call and MonitoredItem services
- Custom enumerations and structured data types
- Nodest import tool to generate address space source code
- Platform Layers: eCos

V1.10.5

07.08.2018

OPC Foundation Lab Certification for Nano Embedded Device Server, Micro Embedded Device Server and Embedded UA Server Profile

V1.10.0

07.03.2018

New features:

- Micro Embedded Device Server and Embedded UA Server Profile support
- Client/Server Subscriptions
- Methods
- OPC UA V1.03 compliance (CTT)
- OPC UA Publisher compliant with OPC UA V1.04
- Platform Layers: FreeRTOS
- Security library support: mbedTLS

V1.00.0

09.03.2017

First release of the uaToolkit Embedded

Features:

- OPC UA Server
- Browse, Read, Write
- Nano Embedded Device Server Profile support
- Client/Server security
- OPC UA Publisher
- Scalar built-in data types and one-dimensional arrays
- Platform Layers: Linux, Windows
- Security library support: OpenSSL