OPC UA Server Tag Importer

How to import tags from an OPC UA server.

Reference Solution Designer Settings and Tools Import Tags OPC UA Server

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The software framework can create tags and map communication based on the OPC server's connections. To commence this, select the created OPC node and choose the "Import" option.

After you create an OPC communication node, you can select the node and click "Import" to import the OPC items to the solution.

Import Tags from an OPC UA Node
OPC UA Server Import
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- Browse Options
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The tutorial in the image below shows how to import tags from OPC servers.

Import Tags from an OPC UA Node

Available from FrameworX 10.1.6.

1. Go to **Devices Nodes** and select a node on an OPC UA channel.
2. Click **Import Tags**, next to **Go to Points**. The importer opens already connected with the node's server address, security and certificate settings.
3. Browse the server namespace, choose a branch and filter the variables.
4. Import the selected variables. The importer creates the tags and points on the selected node.

You do not enter the connection again for each import, and repeated imports add no new node. The **Import Tags** link appears only for users with permission to edit Devices and Tags. When the importer cannot reach the server, the message names the server and the cause.

For the OPC UA Client node settings, see OPC UA Client Connector.

OPC UA Server Import

Server Types

Type	Protocol	Discovery
OPC DA	COM/DCOM	Local servers
OPC UA	TCP/HTTP	Network browse
OPC XML	HTTP/SOAP	Web services

Browse Options

Option	Description
Browse Depth	Levels to explore
Filter	Name patterns
Include System	System tags
Flat List	Remove hierarchy

Tag Creation

OPC Property	Tag Property	Mapping
ItemID	Name	Modified for validity
DataType	Type	Type conversion
Description	Description	Direct copy
AccessRights	ReadOnly	Based on rights
EU	Units	Engineering units

The tutorial in the image below shows how to import tags from OPC servers.

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