



CAA Device Diagnosis Example

This sample project demonstrates how to use the CAA Device Diagnosis library for generic diagnostics for devices available in the project.

Product description

The example use cases demonstrate how to use the CAA Device Diagnosis library for the following:

- Starting, stopping, and resetting devices
- Activating and deactivating devices
- Traversing the device tree
- Collecting device and bus information

More information

Two controllers are configured in the sample project. In the first one, the Device Diagnose functions are displayed, while the second one can be downloaded to another controller as a remote partner to the EtherNet/IP scanner so that at least one device can be commissioned.

The first controller contains two function blocks:

- DeviceChecker: Traverses the device tree and counts the number of devices and their states (DED.Device_State).
- DeviceController: Provides methods for starting, stopping, and resetting a device, as well as for activating and deactivating individual devices or entire subtrees.

General information

Manufacturer:

3S-Smart Software Solutions GmbH
 Memminger Strasse 151
 87439 Kempten
 Germany

Support:

<https://support.codesys.com>

Item:

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Item number:

000085

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

CODESYS package with sample project

System requirements and restrictions

Programming System	CODESYS Development System V3.5.14.0
Runtime System	CODESYS Control V3.5.14.0
Supported Platforms/ Devices	All
Additional Requirements	-
Restrictions	-
Licensing	Free of charge sample project
Required Accessories	-

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.