



HMI Example

The "HMI Example" package contains examples for linking CODESYS HMI to CODESYS V3 and V23 controllers.

Product description

The "HMI Example" package contains examples for the following topics:

- Use of function blocks and visualizations from libraries
- Linking of data sources
- Use of alarms
- Use of trend elements
- Use of recipe elements
- Linking of CODESYS V3 controllers
- Linking of CODESYS V23 controllers

More information

The following components are included in the "HMI Example" package:

HMIDemo.project

Sample project for CODESYS HMI

LibForHMIDemo.library

Help library to show how to use visualizations with a parameter interface from a library and link to a data source.

V3ProjForHMIDemo.project

Sample project for V3 controllers

V23Proj.pro

Sample project for V23 controllers. In the "HMIDemo.project" sample project, a CODESYS V3 controller and a V23 controller are linked to the CODESYS HMI.

Linking a CODESYS V3 controller

See Data Sources Manager -> DatasourceV3. The "V3ProjForHMIDemo.project" project has to be loaded into a CODESYS Control Win beforehand (CODESYS V3.5 SP11 Patch 1 or later must be installed). The communication settings of the data source in the "Communication" tab still have to be adapted accordingly (name or address of the controller).

Linking a CODESYS V23 controller

See Data Sources Manager -> Datasource. The "V23Proj.pro" project has to be loaded into a PLCWinNT beforehand (CODESYS V23 must be installed). The communication settings in the data source must be adapted accordingly in the "Communication" tab (IP address).

Visualizations

Visualization

The "Visualization" shows how function blocks and visualizations from libraries can be used in the HMI (see Data Source Manager -> DatasourceV3 -> Type mappings). With the switch, the simulation of a sawtooth signal can be started and ended. The current value of the signal is displayed below it.

V23Demo

Linking to a CODESYS V23 controller (see Data Source Manager -> Datasource)

Alarms

This visualization shows how alarms of a V3 controller can be displayed and confirmed. An alarm is triggered when the slider exceeds 60% of the maximum value.

Trend

In this visualization, a CODESYS V3 trend recording of the signal (see visualization) is displayed by means of the trend element. The simulation of the sawtooth signal has to be activated for this.

Recipe

This visualization shows how recipes are loaded and saved with the HMI.

General information

Manufacturer:

3S-Smart Software Solutions GmbH
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 87439 Kempten
 Germany

Support:

<https://support.codesys.com>

Item:

HMI Example

Item number:

000096

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

CODESYS Package

System requirements and restrictions

Programming system	CODESYS Development System V3.5.11.0
Runtime system	CODESYS Control V3.5.11.0
Supported platforms and devices	Note: Use the "Device Reader" product for locating the functions (licenses) supported by the PLC. The product is available in the CODESYS Store free of charge.
Additional requirements	CODESYS HMI V3.5.11.10 or later
Restrictions	
Licensing	•
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.