



VisuDialogST

1 General information

Order number: 000041	Supplier information 3S-Smart Software Solutions GmbH Memminger Straße 151 87439 Kempten Germany Support: Tel: +49 831 54031 66 support@codesys.com
Version: 1.0.0.1	
Short description This package contains three example applications relating on the visualization of dialogs with the language 'Structured Text (ST)'.	

2 Requirements and restrictions

Programming system	CODESYS Development System Version 3.5.3.60 or higher
Target system	CODESYS Control Version 3.5.3.60
Supported Platforms / Devices	Notice: Use the project 'Device Reader' to find out the supported features of your device. 'Device Reader' is available for free in the CODESYS Store.
Additional requirements	-
Restrictions	-

3 Price

This example is for free

4 Product description

This package contains three example applications relating on the visualization of dialogs with the language 'Structured Text (ST)'.

5 Technical description

Application DialogVarInOut:

This example shows how dialogs can be opened and how input values can be read and checked by an event handler.

The event handler `IEditBoxInputHandler` is set in the main program `PLC_PRG`. The method `VariableWritten` is called after an input value is set. The range of the input value is checked by the method `CheckValue` of the function block `ControlFB`. The OK-Button is active if the variable `pVar` is lesser than 100. Notice that the function block `ControlFB` is passed to the frame by the attribute `VAR_IN_OUT_AS_POINTER`.

Application FileDialog:

This example shows how file dialogs can be opened by program (ST) via the `DialogManager`.

The file filter and an instance of the function block `Visu_FbFileListProvider` is created in the program `PLC_PRG`. The function block `Visu_FbFileListProvider` is used by the dialog to list and filter files. The function `OpenFileDialog` sets the `Visu_FbFileListProvider` and opens the dialog. After selecting a file, the name of the file is displayed in the visualization.

Application IECOpenDialog:

The example shows how a login dialog can be opened via ST.

The button 'Login' calls the function `OpenLoginDialog` and shows the dialog. The values of the dialog are read by the function `OnLoginDialogClosed` when the dialog is closed.

6 Screenshots

