## Creating and using your own dialog

In Codesys it is possible to customize and edited the standard dialogs.



This library can also be downloaded via our forge, CODESYS Examples: VisuDialogs

The lib "Library Manager" can be found (per default installation) here:

C:\Program Files (x86)\3S CODESYS\CODESYS\Projects\Visu\Dialogs\VisuDialogs.library

In the following example, the color of a login dialog is to be adjusted.

## Creating and using your own dialog

- Open the existing library.
- Save the project/library under a different name (in this example 'DemoVisuUserMgmtDialogs.library').
- During the saving procedure, you will be informed that the library is marked as release.

CODESYS	
?	This project cannot currently be saved because it is marked as 'Released' in the Project Information. Do you want to remove this flag? - Click 'Yes' to remove the 'Released' flag and save the project. - Click 'No' to keep the 'Released' flag. The project will not the saved.
	<u>J</u> a <u>N</u> ein

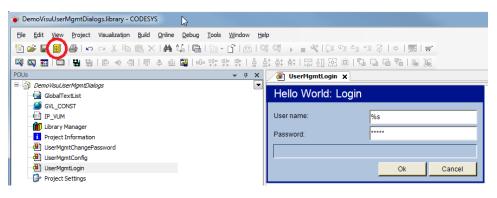
- Confirm this dialog with Yes.
- Modify the dialog, e.g. header and color.

UserMgmtLogin 🗙								
Hello World: Login								
User name:	%s							
Password:	****							
	Ok Cancel							

• Open the project information dialog (Menu Project\Project Information) and modify the title and standard namespace.

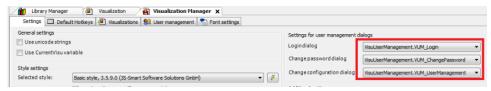
Project Information						
File Summary Properties Statistics Licensina Sianina						
<u>C</u> ompany:	System					
<u>T</u> itle:	DemoVisuUserMgmtDialogs					
<u>V</u> ersion:	3.5.10.0					
Library Categories:	Intern Visu					
De <u>f</u> ault namespace:	DemoDialogs					
<u>A</u> uthor:	3S-Smart Software Solutions GmbH					
Description:	This library contains example dialogs for the visualization user management functionality.					
The fields in bold letters are used to identify a library.						
Automatically generate 'Library Information' POUs Automatically generate 'Project Information' POUs						
OK Cancel						

• Save and install the new library.

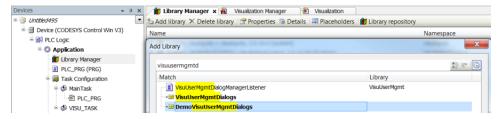


## Using the new dialog

- Create a test project.
- Insert the object "Visualization" under the application.
- Insert a user management via the visualization manager.
- Create a user.
- The project must now be closed and opened again. The standard dialogs are now available.



• Insert the new library via the library manager.



• Make your dialog available in the visualization manager (tab "Visualizations").

Dlg.project* - CODESYS			
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evices 👻 🗸 🗙	Library Manager 📳 Visualizati	on VIII Vicualizati	on Manager 🗙
Device (CODESYS Control Win V3)	🕘 Settings 🗔 Default Hotkeys 💾 Visua	lizations 😫 User manag	ement 📔 Font setting
PLC Logic	Name	TargetVisu, WebVisu	Number of instance
Application	Default behaviour		
Library Manager	Visualizations		
PLC_PRG (PRG)	Visualization		
Task Configuration	<ul> <li>Dialogs</li> </ul>		
🖶 🌑 MainTask	E      E      E      E      E      E      E  E     E		
PLC_PRG	UserMgmtChangePassword		
🖻 🍪 VISU_TASK	- UserMamtConfia		
VisuElems.Visu_Prg	🕘 UserMgmtLogin		
🖹 📳 Visualization Manager	VisuUserManagement		
TargetVisu	VUM_ChangePassword		
🗃 WebVisu	UUM_Login		
Uisualization	VUM_UserManagement		
	{} VisuDialogs		
	FileOpenSave		
	E Keypad		
	Login		
	Numpad		
	NumpadExtended		
	TextinputWithLimits		

- Close and open the visualization manager.
- Your dialog is then available.

👔 Library Manager 🚇 Visualization 🖓 Visualization Manager 🗙	
🕘 Settings 🗔 Default Hotkeys 🚇 Visualizations 😫 User management  🍨 Font settings	
General settings Use unicode strings Use CurrentVisu variable	Settings for user management dialogs Login dialog VisuUserManagement.VUM_Login Change password dialog VexuUserManagement.VUM_login VexuUserManagement.VUM_login
Style settings Selected style: Basic style, 3.5.9.0 (35-Smart Software Solutions GmbH) •	Change configuration dialog VisuUserManagement. VUM_UserManagement