Advantech AE Technical Share Document

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Category	■FAQ　□SOP	Related OS	N/A
Abstract	CODESYS, How to transmit the variable between visualization and dialog in CODESYS?		
Keyword	CODESYS, Visualization		
Related Product	APAX-5580CDS		

■ **Problem Description:**

This document shows how to transmit the variable between visualization and dialog in CODESYS.

■ **Answer:**

Please refer to the CODESYS officail sample code:

https://store.codesys.com/visu-dialog-st.html?___store=en

This sample code want to enter the user's name and birthday by the pop-up dialog **Dlg_Formular** opened by the **MainVisu**. Thus, **Dlg_Formular** defined three variables to point (IN) and affect (OUT) the input object if the result value of close dialog event is as same as the open dialog event. We will show the detail of process for how it works by step by step.

1. **Dlg_Formular** defined three variables, sVisuLastName, sVisuFirstName and sVisuBirthday.
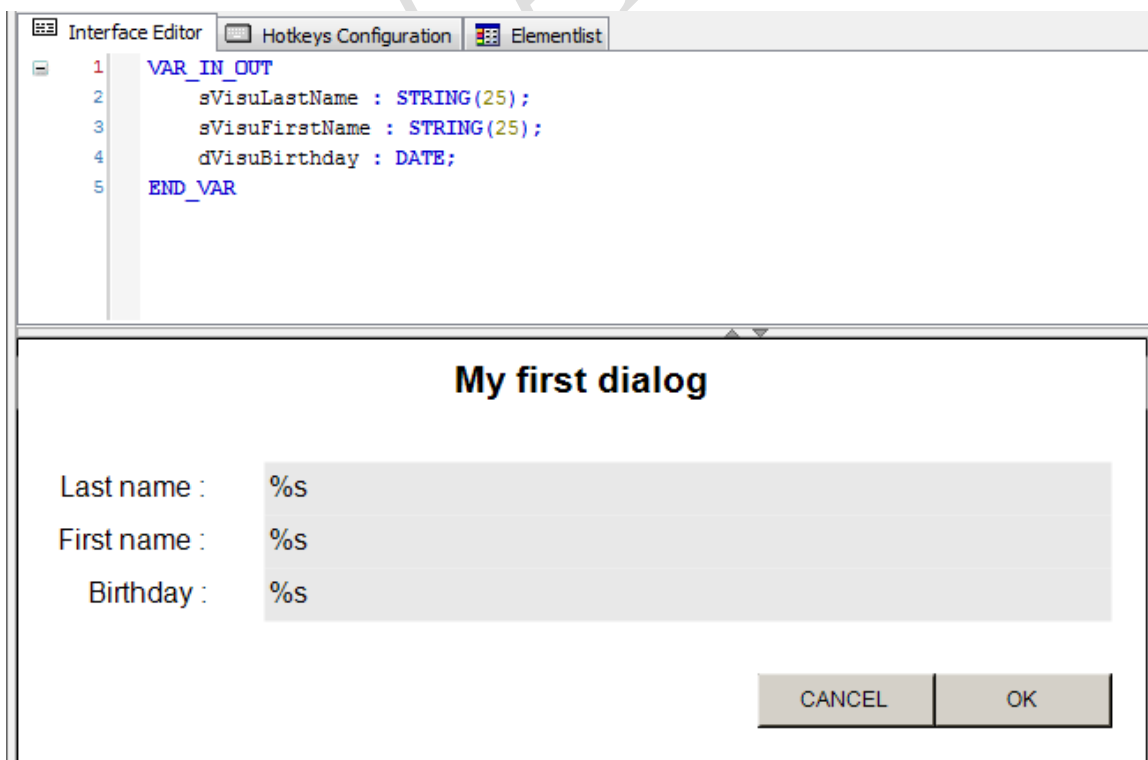
2.   When opening the **Dlg_Formular** dialog in **MainVisu**, **MainVisu** will transmit the sLastName, sFirstName, dBirthday defined in Main Program into **Dlg_Formular**.

Please note that the parameter will be updated only if the result of close dialog even is as same as open dialog event. Here sample code define the result should be OK.

3.   After entering the text, OnMouseUp will trigger and prepare writing the variable into Main.
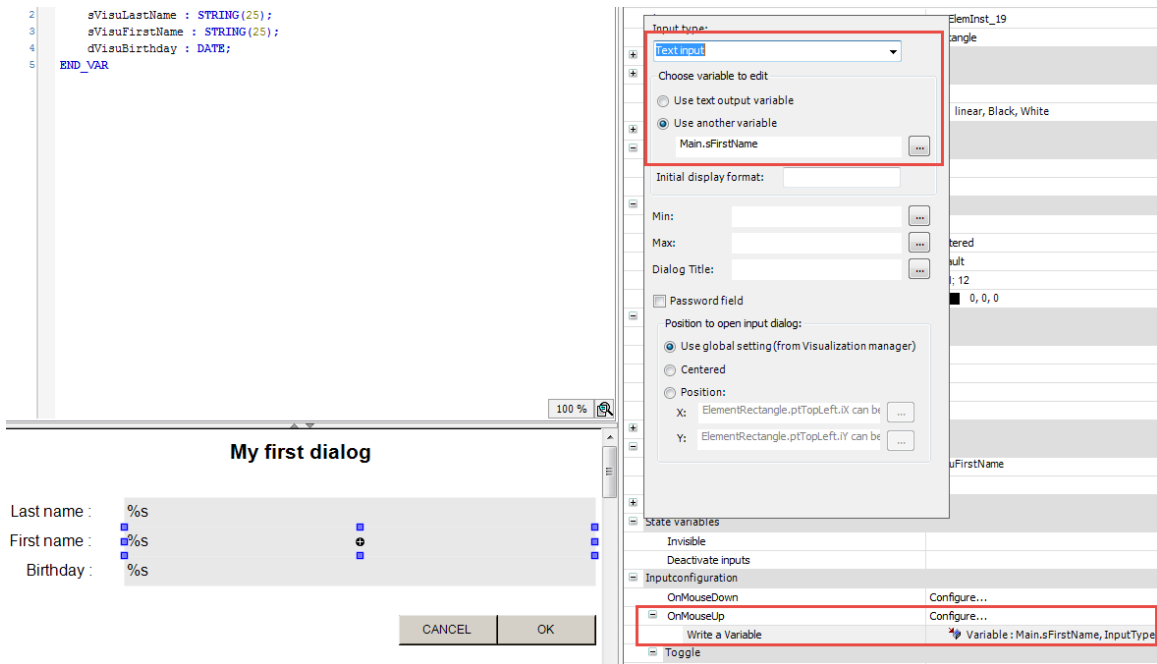
There are two buttons, OK and Cancel. The events of them are OK and Cancel. Thus, sLastName, sFirstName, dBirthday only can be updated if pushing OK button.