

Simple NWID to VisualNEO Win Tutorial

Create a few controls on the canvas, export them, and wire them to VisualNEO Win.

This short guide walks through the easiest beginner workflow: build a tiny form in NeoWin Interface Designer, export it, then test it inside VisualNEO Win using the NWIDCompanion plugin and a ready-to-paste subroutine.

Tip: This tutorial stays intentionally small. You will add only three controls, wire one event, and update one label from VNW.

What you will build

- A Label named lbl_status
- A TextInput named txt_name
- A Button named btn_hello
- A VNW subroutine that changes the label when the button is clicked

Before you start

- VisualNEO Win installed
- ezEdge WebView2 plugin available
- NWIDCompanion plugin installed in VisualNEO Win
- NeoWin_Interface_Designer.html available
- Interface_Tester.pub available for quick testing

Part 1 - Build the layout in NWID

#	Where	What to do
1	NWID	Open NeoWin_Interface_Designer.html and start a new layout.
2	Canvas	Click the empty canvas and set Width = 480 and Height = 220.
3	Objects	Drag a Label onto the canvas. Set ID = lbl_status and Caption = Ready.
4	Objects	Drag a TextInput onto the canvas. Set ID = txt_name and Placeholder = Type your name.
5	Objects	Drag a Button onto the canvas. Set ID = btn_hello and Caption = Say Hello.
6	Events	Select btn_hello, open the Events tab, add a Left_Click event, set Action = GoSub, and enter OnHelloClick.
7	File	Save the layout, then export it. NWID will create runtime.html and runtime_subs.txt.

Tip: Keep the default naming style. Prefixes like lbl_, txt_, and btn_ make it easier for NWID and the companion plugin to identify control types.

Suggested control layout

```
lbl_status  -> near the top
txt_name    -> under the label
btn_hello   -> under the text input
```

What the export gives you

- runtime.html - the interface that loads inside an ezEdge rectangle
- runtime_subs.txt - ready-to-paste VNW subroutine stubs for the events you wired

Part 2 - Test it in VisualNEO Win

The simplest route is to use the included Interface Tester publication.

#	Where	What to do
1	VNW	Open Interface_Tester.pub in VisualNEO Win.
2	Subroutines	Open the Subroutine Action area and paste in the contents of runtime_subs.txt.
3	Run	Run the tester and browse to your exported runtime.html file.
4	Test	When the interface appears, type a name and click the button.

Tip: The tester already uses Rectangle1, so you can focus on your layout and your event code first.

Paste this into the generated stub

Find the empty subroutine for OnHelloClick in the pasted subs file and replace its contents with the code below.

```
:OnHelloClick

. btn_hello fires Left_Click
. txt_name.value is kept updated automatically

If "[txt_name.value]" "=" ""
NWID_Set "Rectangle1" "label:lbl_status" "caption" "Please type your name first."
Return
EndIf

NWID_Set "Rectangle1" "label:lbl_status" "caption" "Hello [txt_name.value]!"

Return
```

Tip: This example uses the auto-updated variable [txt_name.value], so you do not need NWID_Get for this simple case.

Part 3 - What is happening

#	Where	What to do
1	NWID runtime	When btn_hello is clicked, NWID sends the event to VisualNEO Win.
2	Generated subs	The exported subs file routes that event to your OnHelloClick subroutine.
3	Plugin action	NWID_Set changes the caption property of lbl_status at runtime.
4	Result	The label updates immediately inside the HTML interface running in Rectangle1.

Useful beginner rules

- Use the proper control prefixes: btn_, lbl_, txt_, cbo_, tbl_, and so on.
- With plugin actions, use type:id format such as label:lbl_status or textInput:txt_name.
- For simple text entry, prefer auto-updated variables like [txt_name.value].
- Re-export after you add or rename events, then paste the fresh runtime_subs.txt into VNW.

Common fixes

#	Where	What to do
1	Button does nothing	Check that the button event is wired to OnHelloClick in the Events tab, then export again.
2	Wrong label updates	Make sure the ID in NWID_Set matches the control exactly: label:lbl_status.
3	Old layout appears	Load the newest runtime.html. NWID exports a snapshot of the current design.
4	No plugin action	Confirm the NWIDCompanion plugin is installed and visible in VisualNEO Win.

Next step

After this works, try adding one more control and one more plugin action:

- Add a second button that clears the text input
- Add a ComboBox and fill it with NWID_Items
- Add a second page and switch pages with NWID_Navigate

Clear button example

```
:OnClearClick  
NWID_Set "Rectangle1" "textInput:txt_name" "value" ""  
NWID_Set "Rectangle1" "label:lbl_status" "caption" "Cleared."  
Return
```

Tip: Once your small test works in the Interface Tester, you can move the same exported runtime.html and subroutines into your real VNW publication.