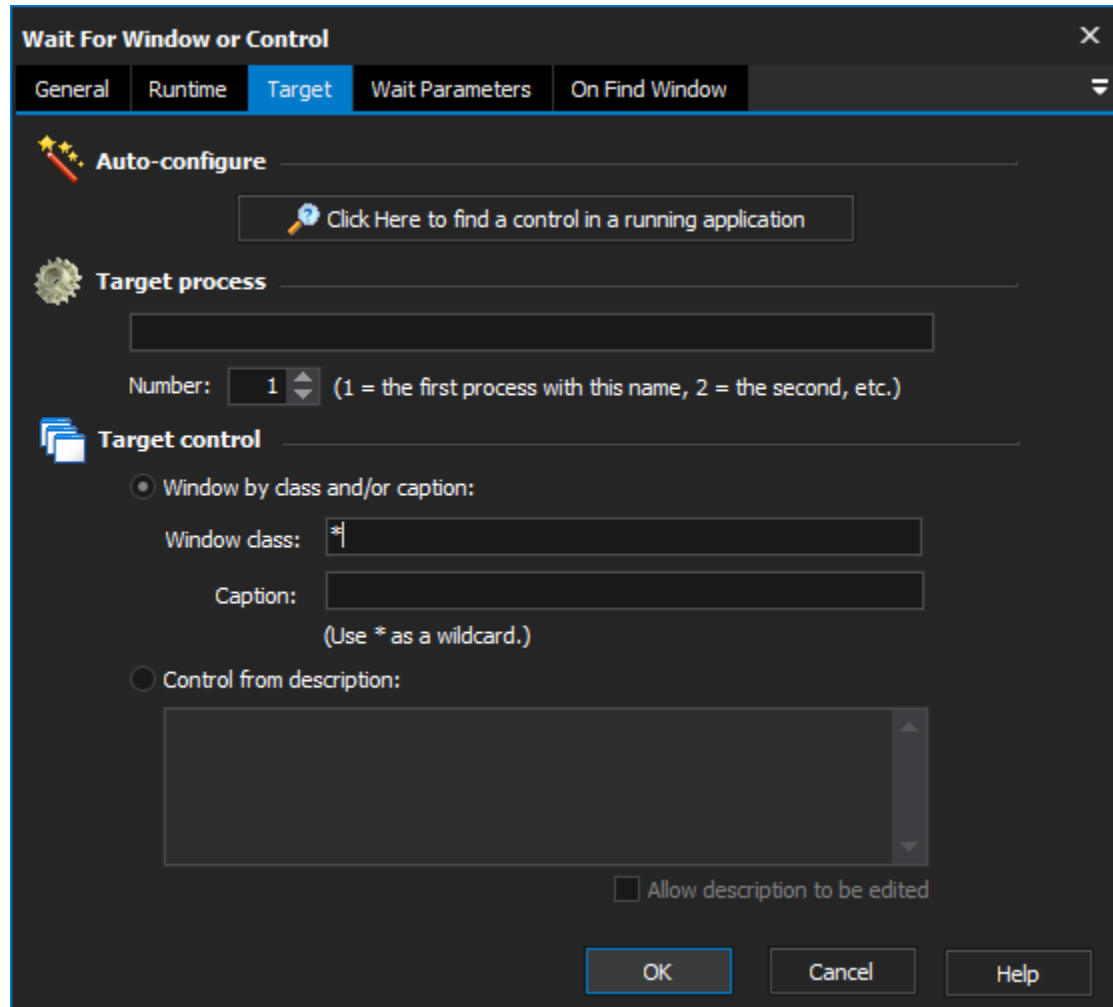


Wait For Window Or Control Action

[Professional Edition Only]

The Wait For Window or Control action allows you to pause a running project until a window or control matching certain criteria has appeared on the screen.

Some uses for this tool include:



The screenshot shows the 'Wait For Window or Control' dialog box with the 'Target' tab selected. The dialog has a title bar with a close button (X) and a dropdown arrow. Below the title bar are five tabs: 'General', 'Runtime', 'Target' (selected), 'Wait Parameters', and 'On Find Window'. The 'Target' tab contains the following sections:

- Auto-configure:** A section with a star icon and a button that says 'Click Here to find a control in a running application'.
- Target process:** A section with a gear icon, a text input field, and a 'Number' dropdown set to '1'. A note below the dropdown says '(1 = the first process with this name, 2 = the second, etc.)'.
- Target control:** A section with a folder icon and two radio button options:
 - Window by class and/or caption:** Selected. It includes a 'Window class' text field with an asterisk (*) and a 'Caption' text field. A note below says '(Use * as a wildcard.)'.
 - Control from description:** Unselected. It includes a large text area and a checkbox labeled 'Allow description to be edited'.

At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Help'.

Target

Auto-configure

This is the recommended way to configure this property page. When you click on the "Click Here..." button, FinalBuilder is hidden and Find Control dialog is displayed.

While you search, FinalBuilder will place a red highlight rectangle around the control which is currently under the mouse pointer.

Navigate to a point over the control that you want to choose for the action, and Control-Click to select it. All of the other fields on the property page will be populated with a description of the control. In most cases, this is all you need to create a reproducible description of the target control.

However, you can fine tune the selection by editing each field on the property page. This is described in the Manual Configuration topic.

Target process

The name of the process that will be searched for to perform the mouse click on.

Number

The occurrence of the process that the mouse click will be performed. This is important as there may be multiple copies of the same application running at the same time.

Target control

Window by class and/or caption

Instructs the action that the windows class and caption options should be used in determining which control to select when performing the click.

Window class

The name of the windows class that the control is an instance of. Note that wildcards are allowed to help to enable a broader selection of controls.

Caption

The display text shown on the control. Again wildcards work within this option value.

Control from description

Instructs the action to use the description when determining which control to click. The description entered will be matched to the display text of the controls in the selected process.

Wait Parameters

The screenshot shows the 'Wait For Window or Control' dialog box with the 'Target' tab selected. The dialog has a title bar with a close button (X) and a tab bar with 'General', 'Runtime', 'Target', 'Wait Parameters', and 'On Find Window'. The 'Target' tab contains the following elements:

- Auto-configure:** A button with a magnifying glass icon and the text 'Click Here to find a control in a running application'.
- Target process:** A text input field.
- Number:** A spinner box set to '1' with the text '(1 = the first process with this name, 2 = the second, etc.)'.
- Target control:** A section with two radio buttons:
 - Window by class and/or caption:** (Selected)
 - Window class:** A text input field containing '*|'.
 - Caption:** A text input field.
 - (Use * as a wildcard.)**
 - Control from description:** (Unselected)
 - A large text input field for the description.
 - ☐ Allow description to be edited
- Buttons:** 'OK', 'Cancel', and 'Help' at the bottom.

Wait For Process

Wait for the process

If this option is selected and the target process is not running when the action is started, then the action will wait until the process starts running (and then wait for the window/control.)

Fail if process not running

If this option is selected and the target process is not running when the action is started, then the action will fail straight away.

Timeout

Only time out if the process exits

This option disables timeouts for the Wait action, except for when the target process exits.

Time out after x seconds/minutes

This option waits for a maximum length of time, and then "times out." You can set the timeout behaviour under "On Timeout":

On Timeout

Do Nothing

If this option is selected, the action will time out and succeed.

Fail the action

If this option is selected, then the action will fail if it times out.

Set Variable

If this option is selected, then the specified [variable](#) will be set to the specified value if the action times out. If the action does not time out, the variable will not be changed.

On Find Window

The screenshot shows a dialog box titled "Wait For Window or Control" with a close button (X) in the top right corner. Below the title bar are five tabs: "General", "Runtime", "Target", "Wait Parameters", and "On Find Window". The "On Find Window" tab is selected and highlighted in blue. To the left of the tab bar is a small icon of a wrench and screwdriver. Below the tabs, the "On Find Window" section contains five radio button options: "Do nothing (action succeeds)" (selected), "Close window", "Click a standard button with caption:", "Set Focus", and "Store caption in variable:". The "Click a standard button with caption:" option has a text input field containing "OK". The "Store caption in variable:" option has a text input field with a dropdown arrow on the right. At the bottom of the dialog are three buttons: "OK", "Cancel", and "Help".

This property page allows you to choose what to do if the window or control is found.

On Find Window

Do nothing

The action will succeed without doing anything to the window/control.

Close window

The action will close the window which contains the target control (or the window itself, if the target is a window.) This is the equivalent of clicking on the "Close" box of the relevant window.

Click a standard button with caption

If the target control is a window or a modal dialog which contains "standard" Windows buttons, then this option will click on the button with the specified name. This is useful for modal warning or error dialogs which may need to be automatically dismissed.



If you need to perform more sophisticated clicking, add a [Perform Mouse Click Action](#) action to the project and place it as a child/sibling of the Wait action.

Set Focus

The action will set the focus to the control. It will fail if the control is not found.

Store caption in variable

The action will store the caption of the found control into a variable provided. The action will fail if the control is not found.