

How to have a single- and a double-click handler for a listbox

[StPendl](#) Sep 10, 2007

Most people do not know, that a listbox can respond to a single-click by setting the **singleClickSelect** property.

You can have a different event handler for single-clicks by adding a branch label (**singleClickSelect [action]**) too.

The problem we have, when using both event handlers, is to know which one to use, because Windows sends the single-click and double-click messages to the control, when double-clicking a listbox item.

Here is a demo for using both event handlers based on the [Double Click Demo in Newsletter 126](#)

```
nomainwin

for i = 1 to 10
    array$(i) = str$(i)
next

listbox #m.lb, array$(, [DoubleClickAction], 10, 10, 200, 200
statictext #m.txt,
"Select an item or double click it.", 10, 220, 200, 40

open "test listbox event handlers" for window as #m
#m "trapclose [quit]"
#m.lb "singleClickSelect [SingleClickAction]"
wait

[SingleClickAction]
    calldll #user32, "GetDoubleClickTime", delay as ulong
    timer delay, [continue]
    wait

[continue]
    timer 0
    #m.txt "Single Click Action"; chr$(13);
    "Double-Click-Delay: "; delay; "ms"

    ' reset selection
    #m.lb "selectindex 0"
    wait
```

```
[DoubleClickAction]
    timer 0
    #m.txt "Double Click Action"

    ' reset selection
    #m.lb "selectindex 0"
    wait

[quit]
    close #m
    end
```