

Re: how to differentiate a single click from a double click in CTreeViewCtrl

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- *From:* "JD" <jdt_young@xxxxxxxxxx>
 - *Date:* Fri, 28 Sep 2007 17:38:24 -0700
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Hi David,

I have no other choice because the request is from a spec defined by my PD colleague. On a single click, an item is selected and I need to do a lot of graphic stuffs that consuming lots of computer power. The PD allow users to double click another item which may not be the one user just select. Because of performance, I don't want to perform the graphic stuffs twice if user double clicks an item.

I agree with you. The timer you just mentioned scared me. I don't want to complicate the code to jeopardize maintainability. Does everyone follow Windows' standard in this regard? I am quite surprised. Even developers follow this standard, user may not follow it. It's quite common that a normal user select one thing and then change his/her mind by double clicking another item. We developers must take care of this possibility.

Any further help is much appreciated.

JD

"David Webber" <dave@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:uxU6JTiAIHA.5312@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

"JD" <jdt_young@xxxxxxxxxx> wrote in message <news:%23ItBLxhAIHA.536@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

In CTreeViewCtrl, I want to catch both the double click and the single click events, but also need to differentiate them. For the double click event, a handle is written against WM_LBUTTONDOWNBLCLK. But against what message should I write for single click event? I tried WM_LBUTTONDOWN. But WM_LBUTTONDOWN will be fired too if I double click an item. Basically, I want to differentiate single and double click events. Is there a way? Thanks for any help.

Re: how to differentiate a single click from a double click in CTreeViewCtrl

The standard model in Windows is that a single click selects something, and that a double click does something to the selected item.

Thus the response to a double click can rely on the fact that the appropriate item has been selected by a single click.

If you want to do something with a single click which is not compatible with it being the first half of a double click, then you will probably confuse the users of your program, and I'd urge you to think of another way (eg with the right mouse button or the keyboard).

If you really really want to do it, you could probably do something like setting timer and responding to the single click when the timer expires only if no double click has been received by then – but it is ugly.

Dave

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David Webber

Author of 'Mozart the Music Processor'

<http://www.mozart.co.uk>

For discussion/support see

<http://www.mozart.co.uk/mzusers/maillinglist.htm>