

# Re: WM\_LBUTTONDOWN in Multi-document interface

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- *From:* "AliR \((VC++ MVP)\)" <[AliR@xxxxxxxxxxxxxx](mailto:AliR@xxxxxxxxxxxxxx)>
  - *Date:* Wed, 22 Aug 2007 10:33:13 -0500
- 

You know that all the messages go through CWinApp::PreTranslateMessage. So in essence you can detect all clicks like this

```
BOOL CMyApp::PreTranslateMessage(MSG* pMsg)
{
if (pMsg->message == WM_LBUTTONDOWN)
{
}
else if (pMsg->message == WM_NCLBUTTONDOWN)
{
}

return CWinApp::PreTranslateMessage(pMsg);
}
```

But the I don't know how you would know which window they clicked on, that is if you care about that at all. Although there is WindowFromPoint() but then again, finding out who's HWND was just returned is a different story.

AliR.

"RobKinney1" <[mydigitalportal.net@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:mydigitalportal.net@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:CB2695DB-D7FE-442A-B68D-8CF32A37B85D@xxxxxxxxxxxxxxxxxxxx](mailto:news:CB2695DB-D7FE-442A-B68D-8CF32A37B85D@xxxxxxxxxxxxxxxxxxxx)

Hello Joe,

Please worry about your deadline first! My stuff is not too important at the moment... our deadline is still 3 weeks away :-].

At the time, I thought that just clicking on the window and gathering events through WM\_LBUTTONDOWN was enough to gather whether or not someone clicked on the app, but as I found out it is more complex than that.

I wish the college I went to for my CS degree actually concentrated on windows programing. Unfortunately there was hardly any (if any at all...

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their idea of visual programming was a class where we did extremely light development of Java apps)... I have to start at ground 0 for all this stuff.

But at least I was introduced to subclassing... I didn't even know that existed! But so goes life I guess... :~]

I did end up intercepting the WM\_NCLBUTTONDOWN messages using the class wizard generated method:

```
LRESULT CMainFrame::WindowProc(UINT message, WPARAM wParam, LPARAM lParam)
{...}
```

So I combine the WM\_NCLBUTTONDOWN and WM\_SETFOCUS from CMainFrame with the

WM\_LBUTTONDOWN from the subclassed m\_hWndMDIClient and I have a somewhat close idea that they clicked the app... probably not the best though... using this method I will have to wire up something with all my child windows

to also notify with clicks, but that shouldn't be too bad.

Thanks again for your help. Please only do this at your leisure and if you feel like it.

Thanks,

Rob

"Joseph M. Newcomer" wrote:

This goes back to the point of asking the correct question. If you are trying to see if there is any mouse click, this is the situation where PreTranslateMessage is going to help. So the correct question to ask was not "Why am I not getting WM\_LBUTTONDOWN messages" but "How can I detect a mouse-down event anywhere in my app?"

I've got a serious deadline coming up, but I'll try to come up with a better answer.

joe

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