

Subject: Re: Button (etc.) events
Posted by [sterner](#) on Tue, 28 Feb 1995 17:10:09 GMT
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sjt@xuna.sr.bham.ac.uk (James Tappin) writes:

> At present buttons return an event only for the left mouse button. I
> would like to be able to return events from all buttons (with an
> EVENT.BUTTON field to identify which button was used) so that it would be
> possible (say) to have an arrangement where LEFT BUTTON = do action,
> RIGHT BUTTON = display help text.

> How do other users feel about this? Should we lean on RSI?

I like the idea. However, it would cause portability problems for computers with mice with button deficit disorder. I like mice with lots of buttons, the more the better.

Ray Sterner sterner@tesla.jhuapl.edu
The Johns Hopkins University North latitude 39.16 degrees.
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WWW Home page: <ftp://fermi.jhuapl.edu/www/s1r/people/res/res.html>

Subject: Re: Button (etc.) events
Posted by [thompson](#) on Fri, 03 Mar 1995 18:27:20 GMT
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sjt@xuna.sr.bham.ac.uk (James Tappin) writes:

- > The following is an idea which occurred to me for an improvement in the
- > IDL widget system.

- > At present buttons return an event only for the left mouse button. I
- > would like to be able to return events from all buttons (with an
- > EVENT.BUTTON field to identify which button was used) so that it would be
- > possible (say) to have an arrangement where LEFT BUTTON = do action,
- > RIGHT BUTTON = display help text.

- > This could also be applied to list widgets (and sliders?), and must be
- > possible as DRAW widgets do identify the button used.

> How do other users feel about this? Should we lean on RSI?

> --
> +-----+-----+-----+-----+

> | James Tappin, | School of Physics & Space Research | O__ |
> | sjt@star.sr.bham.ac.uk | University of Birmingham | -- V` |
> | Ph: 021-414-6462. Fax: 021-414-3722 | |
> +-----+-----+-----+-----+-----+-----+

I certainly think that should be a capability. I would use it if it were available.

Bill Thompson

Subject: Re: Button (etc.) events
Posted by [thompson](#) on Fri, 03 Mar 1995 18:35:22 GMT
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sterner@strdev.jhuapl.edu (Ray Sterner) writes:

> sjt@xuna.sr.bham.ac.uk (James Tappin) writes:

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This shouldn't be a problem with PCs. One can emulate the middle button by pressing the left and right button simultaneously. We already have software that uses three mouse buttons in graphics windows, so there shouldn't be any complaint about extending that concept to widgets.

Can one buy a multi-button mouse for a Mac? Even if not, there ought to be a way to emulate a three-button mouse through pull-down menus. If MacOS doesn't provide this capability, then IDL could provide it itself. As stated before, this capability is needed for other IDL software.

Bill Thompson

Subject: Re: Button (etc.) events

Posted by [patterso](#) on Fri, 03 Mar 1995 23:29:12 GMT

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William Thompson (thompson@orpheus.nascom.nasa.gov) wrote:

: sterner@strdev.jhuapl.edu (Ray Sterner) writes:

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: that uses three mouse buttons in graphics windows, so there shouldn't be any
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: way to emulate a three-button mouse through pull-down menus. If MacOS doesn't
: provide this capability, then IDL could provide it itself. As stated before,
: this capability is needed for other IDL software.

: Bill Thompson

Couldn't we just use the "apple" buttons to have mouse button, MB+left apple,
MB+right apple - that gives 3 buttons. Could extend this even further :)
My Sun keyboard would give me about 150 button choices :)

Tim
