Subject: Draw widget mouse position error Posted by Oliver Smith on Fri, 11 Aug 2000 07:00:00 GMT

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Hi,

I use a draw widget with motion events turned on, I've noticed that a double click event has a different y-position to a single click event. This is demonstrable by the code at the bottom of this message. For a double click, the events returned give:

Cursor position = 187 110
Cursor position = 187 110
Cursor position = 187 111
Cursor position = 187 110

It is easy to work around the problem by detecting the double click (event.clicks = 2) and subtracting 1 from event.y

I can recreate the problem on another computer of almost identical specification to my own. I am using IDL 5.3.1 on NT 4. Can anybody recreate this bug and on what platforms?

Regards,

Oliver Smith

PRO DRAW_EVENT, event
Print, 'Cursor position = ', Event.x, Event.y
END

PRO ojs

base = Widget_Base(UNAME = 'WID_BASE', SCR_XSIZE=300, SCR_YSIZE=200) draw = Widget_Draw(Base, UNAME = 'WID_DRAW', SCR_XSIZE = 300, SCR_YSIZE = 200, /BUTTON_EVENTS, EVENT_PRO = 'DRAW_EVENT')

Widget_Control, /REALIZE, base Xmanager, 'WID_BASE', base, /NO_BLOCK

END

Subject: Re: Draw widget mouse position error Posted by mikef on Mon, 14 Aug 2000 07:00:00 GMT

I am seeing the same problem in IDL 5.2 on WinNT SP4.

The Y value is always one more on the release that indicates a double-click.

In article <8n8af7\$448\$1@trog.dera.gov.uk>,

Oliver Smith <osmith@dera.gov.uk> wrote:

- > I'm certain I'm not moving the mouse. The final y value (2nd release event)
- > is the same as the first two, so the mouse would have to move for the second
- > press, then move back to the original position for the second release. I
- > don't see the cursor move at all on the screen.

>

> As for the coffee theory, I do have one of those oversized RSI mugs....

>

- > Can anybody else running IDL 5.x under NT recreate this? (see original post
- > for code).

>

> Regards,

>

> Oliver

__

Mike Fitzgibbon MRFitz@ns.arizona.edu

UofAz, LPL phone:(520)626-4791

Systems Programmer, Pr. fax: (520)621-6783

Subject: Re: Draw widget mouse position error Posted by davidf on Mon, 14 Aug 2000 07:00:00 GMT

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Oliver Smith (osmith@dera.gov.uk) writes:

- > Can anybody else running IDL 5.x under NT recreate this? (see original post
- > for code).

Yes, I can recreate it in IDL 5.3.1 on Windows NT.

It clearly looks like a bug to me. Have you reported it?

Cheers.

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Draw widget mouse position error Posted by Oliver Smith on Mon, 14 Aug 2000 07:00:00 GMT

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As for the coffee theory, I do have one of those oversized RSI mugs....

Can anybody else running IDL 5.x under NT recreate this? (see original post for code).

Regards,

Oliver

"Martin Schultz" <martin.schultz@dkrz.de> wrote in message news:39941513.FC29E9D@dkrz.de...

- > Hi Oliver,
- >

>

- > don't see any such behaviour (IDL 5.3 on Linux) except if I really
- > move the mouse wildly between the two clicks. Too much coffee ?
- > Cheers,
- > Martin

Subject: Re: Draw widget mouse position error Posted by Oliver Smith on Tue, 15 Aug 2000 07:00:00 GMT View Forum Message <> Reply to Message

I've sent a message to UK support.

No reply as yet (other than acknowledgement).

Oliver

"David Fanning" <davidf@dfanning.com> wrote in message news:MPG.14019fcf4bd700af989bc0@news.frii.com...

- > Oliver Smith (osmith@dera.gov.uk) writes:
- >> Can anybody else running IDL 5.x under NT recreate this? (see original

```
post
>> for code).
> Yes, I can recreate it in IDL 5.3.1 on Windows NT.
  It clearly looks like a bug to me. Have you reported it?
  Cheers,
> David
> David Fanning, Ph.D.
> Fanning Software Consulting
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> Toll-Free IDL Book Orders: 1-888-461-0155
```

Subject: Re: Draw widget mouse position error Posted by Rostyslav Pavlichenko on Tue, 15 Aug 2000 07:00:00 GMT View Forum Message <> Reply to Message

Oliver Smith wrote:

```
> I'm certain I'm not moving the mouse. The final y value (2nd release event)
> is the same as the first two, so the mouse would have to move for the second
 press, then move back to the original position for the second release. I
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> for code).
  Regards,
>
>
> Oliver
  "Martin Schultz" <martin.schultz@dkrz.de> wrote in message
  news:39941513.FC29E9D@dkrz.de...
>> Hi Oliver,
>>
     don't see any such behaviour (IDL 5.3 on Linux) except if I really
>> move the mouse wildly between the two clicks. Too much coffee ?
>>
>> Cheers,
>> Martin
```

On my W2K, IDL 5.3.1 I got SSDD (Same Shit Different Day)...

To be 100% correct not every time...

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As you see 3/12=25% of the coorect behaviour. I am using MS IntelliMouse Explorer USB mouse, if this info helps you... It was done with "ordinary care";

for "supergentle pressing" the results are differnt

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	position		63	144

12/12 = 100%

So I think driver-mouse sensitivity is the key to your question...

Best regards,

Dr Rostyslav Pavlichenko

Research Center for Development of Far Infrared Region Fukui University

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