Subject: Re: Free-hand ROIs using DRAW WIDGET Posted by Andrew Cool on Thu, 20 Sep 2001 03:08:54 GMT

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```
Andre Kyme wrote:
```

> Hi.

- > Cannot see how to use the event-generating options provided by
- > WIDGET DRAW in order to draw a free hand ROI.
- > If I could interrupt motion events I can do it, but I can't stop motion
- > events once they are going!

>

> Any help would be appreciated,

- > Thanks.
- > Andre

Andre.

Something like this should do the trick. This uses Mouse Button 3 to toggle the motion events on/off.

Pseudo English:

If a button is pressed DOWN and it's MB 3 Then Check status of motion events Toggle motion events to opposite setting end

```
IF ev.type EQ 0 AND ev.press EQ 4 THEN BEGIN
   IF Widget_Info(ev.id,/DRAW_MOTION_EVENTS) THEN BEGIN
    Widget_control, ev.id, Draw_Motion_Events=0
   ENDIF ELSE BEGIN
    Widget_control, ev.id, Draw_Motion_Events=1
   ENDELSE
ENDIF
```

Andrew

Andrew D. Cool

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Subject: Re: Free-hand ROIs using DRAW WIDGET Posted by David Fanning on Thu, 20 Sep 2001 04:39:45 GMT

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Andre Kyme (nak@imag.wsahs.nsw.gov.au) writes:

- > Cannot see how to use the event-generating options provided by
- > WIDGET DRAW in order to draw a free hand ROI.
- > If I could interrupt motion events I can do it, but I can't stop motion
- > events once they are going!

Here is an article on this very subject, with the event handler for the draw widget heavily documented. :-)

http://www.dfanning.com/tips/line_on_image.html

Cheers.

David

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

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

Subject: Re: Free-hand ROIs using DRAW_WIDGET

Posted by Liam E. Gumley on Thu, 20 Sep 2001 17:59:14 GMT

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Andre Kyme wrote:

- > Cannot see how to use the event-generating options provided by
- > WIDGET DRAW in order to draw a free hand ROI.
- > If I could interrupt motion events I can do it, but I can't stop motion
- > events once they are going!

The WPAINT example program from chapter 9 of my book demonstrates how this may be done. You can download the sample programs from

http://www.gumley.com/PIP/About_Book.html

Cheers, Liam. Practical IDL Programming http://www.gumley.com/