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Subject: Re: Widget version of BOX\_CURSOR  
Posted by [nicholas](#) on Thu, 01 Dec 1994 14:00:31 GMT  
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I too would be interested in a widget version of BOX\_CURSOR.

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Subject: RE: Widget version of BOX\_CURSOR  
Posted by [mallozzi](#) on Fri, 02 Dec 1994 17:43:51 GMT  
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|Kelly Dean:

| I was wondering if anyone has a Widget version of BOX\_CURSOR. BOX\_CURSOR  
| uses CURSOR, which wipes out the image in WIDGET\_DRAW. Before I start  
| working on a CW\_BOXCUR, I just thought I check to see if anyone has done it  
| already.

I just tried BOX\_CURSOR on a draw widget and it seems to work OK (IDL 3.6  
on a DEC Alpha). You have to do a  
c = CONVERT\_COORD(x, y, /DEVICE, /TO\_DATA)  
if you want the x, y, returned by BOX\_CURSOR to be in data coord.  
I also use CURSOR in a widget-driven program and it seems to work fine,  
even though the IDL manual says one shouldn't use CURSOR for draw widgets.  
I would try BOX\_CURSOR before working on CW\_BOX\_CURSOR...

[mallozzi@ssl.msfc.nasa.gov](mailto:mallozzi@ssl.msfc.nasa.gov)

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Subject: RE: Widget version of BOX\_CURSOR  
Posted by [dean](#) on Sat, 03 Dec 1994 04:57:38 GMT  
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> [mallozzi@ssl.msfc.nasa.gov](mailto:mallozzi@ssl.msfc.nasa.gov):  
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> on a DEC Alpha). You have to do a  
> c = CONVERT\_COORD(x, y, /DEVICE, /TO\_DATA)  
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> I also use CURSOR in a widget-driven program and it seems to work fine,

> even though the IDL manual says one shouldn't use CURSOR for draw widgets.  
> I would try BOX\_CURSOR before working on CW\_BOX\_CURSOR...

CURSOR and BOX\_CURSOR work fine with small displays that are around screen size or less. I am using it now. However, grap a 3800 x 1500 or larger image - like from [explorer.arc.nasa.gov/pub/Weather/GOES-7](http://explorer.arc.nasa.gov/pub/Weather/GOES-7) - and see what happens. You will be unable to scroll around the image, it will not refresh. If you use event.x event.y from WIDGET\_DRAW instead of CURSOR, x, y - scrolling within WIDGET\_DRAW works.

Kelly Dean  
CSU/CIRA

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