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Subject: Re: Cursor Position with Draw Widget  
Posted by [scott](#) on Wed, 02 Nov 1994 23:56:30 GMT  
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Ken Ganga writes

> Hi,  
>  
> I'm trying to figure out how to return the cursor position from an  
> event in a draw widget. I want the coordinates to be in data  
> coordinates. This seems to be possible for a regular graphics window  
> through the cursor command, but I can't figure out how to do it within  
> a draw widget as the documentation says not to use the cursor command.  
>  
> Any help would be appreciated. Thanks,  
>  
> Ken

You get the coordinates directly from the event structure returned when the user clicks in the Draw Widget. They are in event.X and event.y, in device coords. To get the coords in data coords, do the following:

```
coords = CONVERT_COORD(event.X, event.Y, /DEVICE, /TO_DATA)
```

See page 1-340 of the IDL Reference Guide (v. 3.6.1) for more info, or feel free to email me.

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