
Subject: Re: undocumented IDL built-in TVRDC
Posted by [velt](#) on Mon, 13 Jun 1994 19:51:39 GMT

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In article 21061@noao.edu, eharold@corona.sunspot.noao.edu (Elliott Harold) writes:

> I recently ran across what appears to be an undocumented built-in
> procedure in IDL 3.5 called TVRDC. I can't find a reference to it anywhere,
> but it seems to return the point in the IDL window which the user
> clicked. It's syntax is
>
> tvrdc,x,y,/dev
>
>
> After calling this x and y now contain the x and y coordinates where the
> mouse was clicked. Here at NSO we found it useful for a program that
> tracks Jupiter's moons between frames. In the picture of Jupiter taken
> with the Vacuum Tower Telescope the moons are fairly small, pretty much
> single pixel objects so to locate them we just move the mouse and click
> on the moon. Has anyone else used this? More to the point is there some
> reason it's undocumented? Or is it documented somewhere that I just haven't
> been able to find? If you're wondering how I found out about it, I saw it
> used in the TVRD userlib procedure.
>
> --
>
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It appears that tvrdc has similar functionality as cursor. When I first read your message it appeared that you could retrieve the *last* cursor position where the mouse was clicked, which would have great advantages over the current routines, that read the cursor position *after* the routine is called.

Tvrdc is a fossil from IDL version 1. The IDL users guide VS 2.1 (1991) describes the differences between cursor and tvrdc.

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