
Subject: undocumented IDL built-in TVRDC
Posted by [eharold](#) on Thu, 09 Jun 1994 18:29:22 GMT
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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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