
Subject: Re: map_proj_inverse question

Posted by [David Fanning](#) on Wed, 12 Jan 2011 19:10:33 GMT

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nata writes:

```
> Thank you David, I can get the lat/lon values of the mouse position
> doing:
>
> result=CONVERT_COORD(event.X,event.Y,/DEVICE,/TO_DATA)
>
> The problem I have is that my map coordinate system is not set up. So
> when I call CONVERT_COORD I obtain the following message :
> % CONVERT_COORD: Window is closed and unavailable.
```

Yes, this is one reason I created the MapCoord object in the Catalyst Library. I was doing a lot of map projections in widget programs and I needed to be able to make sure the map data coordinate system was "alive" when I needed it. Simply calling the Draw method on the MapCoord object restores the data coordinate system without actually drawing anything.

```
WSet, info.mapWindow
info.mapCoord -> Draw
```

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
