
Subject: Re: Display and Navigate Image in IDL 8.2
Posted by [David Fanning](#) on Thu, 06 Sep 2012 14:09:06 GMT
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Coyote writes:

```
>
>> Here is the code that gives me a blank window and which I am
>> trying to fix:
>>
>>  obj = Image(googleImage, MAP_PROJECTION=projection, $
>>    ELLIPSOID=ellipsoid, GRID_UNITS=1, $
>>    CENTER_LONGITUDE=centerLon, CENTER_LATITUDE=centerLat, $
>>    LIMIT=limit, X RANGE=xrange, Y RANGE=xrange, $
>>    DIMENSIONS=[700,700], LOCATION=[50,50], /BOX_AXES)
>
>
> I have now tried this, which works no better. :-(
>
>  s = Size(googleImage, /DIMENSIONS)
>  xscale = Abs(xrange[1] - xrange[0]) / s[1]
>  yscale = Abs(yrange[1] - yrange[0]) / s[2]
>  x = (Findgen(s[1])*xscale) + xrange[0] + (xscale/2)
>  y = (Findgen(s[2])*yscale) + yrange[0] + (yscale/2)
>  obj = Image(googleImage, x, y, MAP_PROJECTION=projection, $
>    ELLIPSOID=ellipsoid, GRID_UNITS=1, $
>    CENTER_LONGITUDE=centerLon, CENTER_LATITUDE=centerLat, $
>    LIMIT=limit, X RANGE=xrange, Y RANGE=xrange, $
>    DIMENSIONS=[700,700], LOCATION=[50,50], /BOX_AXES)
>
```

Folks! Seriously!? No one has an answer?

The good news is that you are not alone. I've posed the same problem to the good folks in IDL Technical Support and I haven't received an answer from them, either.

This is not really a hard problem. I have a georegistered image. I want to set up a map coordinate system that reflects that so I can draw on top of the image, discover the cursor location in map units, etc. It is done EVERY day in the real world.

Is it really possible that this can't be done in IDL using the function graphics system?

I'm getting tired of writing "IDL is unusable" articles, but if experienced people (one might say IDL experts) can't figure out how to do the very simplest things with your software, there

is something seriously wrong. I've been blaming the software and documentation, but maybe the users are just not bright enough to use such sophisticated tools. (Although how long-time users become idiots all at once is a mystery I don't yet have an explanation for.)

Anyway, I soldier on, looking for solutions anywhere I can find them. Let me know if you come up with something!

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.")
