
Subject: Re: Display and Navigate Image in IDL 8.2
Posted by [lecacheux.alain](#) on Tue, 11 Sep 2012 15:03:04 GMT
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Le mardi 11 septembre 2012 16:24:14 UTC+2, David Fanning a écrit :

Several things:

1) by OVERLAY, I mean that both the image and the grid should be drawn at the same position in the window (through CURRENT and POSITION keywords).

2) I found that keywords LONGITUDE/LATITUDE_MAX/MIN have same effect as LIMIT. You should use only one of them !

3) where your values "LONGITUDE_MIN=-105.18, LATITUDE_MIN=40.54" are coming from ? Please refer to my previous (saturday) post, for the recovery of the right (?) values.

4) I guess that your code should be:

```
img = IMAGE(googleimage, POSITION=[0.05,0.15,0.95,0.95], DIMENSIONS=[700,700])
```

```
mp = Map('Mercator', $  
;set the overall projection  
  ELLIPSOID='WGS 84', CENTER_LONGITUDE=clon, $  
  TRUE_SCALE_LATITUDE=0d, $  
;set the grid limits (you could use LIMIT too)  
  LATITUDE_MIN=40.521578, LATITUDE_MAX=40.678329, $  
  LONGITUDE_MIN=-105.20283, LONGITUDE_MAX=-104.99717, $  
;set the grid appearance  
  GRID_LONGITUDE=1./20, GRID_LATITUDE=1./30, LINESSTYLE=1, $  
  LABEL_POSITION=0, BOX_AXES=1, BOX_ANTIALIAS=1, $  
;put the grid at the right place in the current window  
  POSITION=[0.05,0.15,0.95,0.95], /CURRENT)
```

Cheers,
Alain.
