
Subject: Re: Error with MapProjection::Forward
Posted by [atmospheric physics](#) on Wed, 27 Nov 2013 13:56:10 GMT
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I tried this but still it doesn't work. My corrected code is as below:

```
; -----  
PRO MELPITZ_GOOGLE_PLOT  
  
CLOSE,/ALL  
  
; DOWNLOAD A MAP  
url = "http://maps.googleapis.com/maps/api/staticmap?" + $  
      "center=51.525517,12.927633&zoom=14&size=600x600" + $  
      "&maptype=satellite&sensor=true"  
  
netObject = IDLnetURL()  
!null = netObject.Get(URL=url, FILENAME="melpitz.png")  
netObject = 0  
  
; Load the newly created file  
READ_PNG, "melpitz.png", img  
  
; DISPLAY THE MAP IMAGE WITH THE MAP PROJECTION  
  
centerLon = 12.927633D  
centerLat = 51.525517D  
zoom = 14  
Re = 6378137D ; Radius of the Earth  
resolution = (2*!DPI*Re)/(256*2D^zoom) ; meters/pixel  
PRINT, resolution  
  
; The image is 600 pixel wide by 600 pixel tall  
deltax = 600*resolution ; meters  
deltay = 600*resolution ; meters  
  
; Convert the map center to spherical Mercator coordinates  
; Create a hidden map object to do the conversions.  
; Setup map projection, draw a grid  
m = MAP('Mercator',/BUFFER, $  
      SEMIMAJOR_AXIS=6378137D, SEMIMINOR_AXIS=6378137D, $  
      CENTER_LONGITUDE=centerLon,LIMIT=[51.515D,12.91D,51.540D,12.95D])  
print,m  
; Convert from longitude/latitude to meters  
uv = m.MapForward(centerLon, centerLat)  
  
; Compute the image bounding box in spherical Mercator coordinates  
x0 = uv[0] - deltax/2 ; meters  
x1 = uv[0] + deltax/2 ; meters
```

```
y0 = uv[1] - deltay/2 ; meters
y1 = uv[1] + deltay/2 ; meters
m.Close
```

```
PRINT, [x0, y0, x1, y1]
```

```
END
```

```
;-----
```

I get the same error message ...

```
% Attempt to call undefined method: 'MAPPROJECTION::MAPFORWARD'.
```

```
% Execution halted at: MELPITZ_GOOGLE_PLOT 38
```

I don't have any clue now!!! Any help to solve this issue will be of great help.

Regards

On Wednesday, November 27, 2013 2:23:47 PM UTC+1, David Fanning wrote:

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> Madhavan Bomidi writes:
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>> I tried to search in Google for the possible solution to the problem but could not resolve. Am I missing some function files? Please suggest me to resolve this issue and go forward.
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```
> This appears to be a typo. Try this, instead:
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```
> uv = m.mapForward(centerLon, centerLat)
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> Cheers,
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> David
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```
> David Fanning, Ph.D.
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```

- > Fanning Software Consulting, Inc.
 - >
 - > Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
 - >
 - > Sepore ma de ni thue. ("Perhaps thou speakest truth.")
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