
Subject: Re: Display and Navigate Image in IDL 8.2
Posted by [chris_torrence@NOSPAM](#) on Wed, 12 Sep 2012 21:13:32 GMT
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Hi David,

Does this help?

```
googleImage = Read_Image('googleimg.png')

XRange = [-11711131d, -11688226d] ; (meters)
YRange = [4914254d, 4937159.5d] ; (meters)

im = IMAGE(googleImage, /BOX_AXES, GRID_UNITS='meters', $
  IMAGE_LOCATION=[xrange[0],yrange[0]], $
  IMAGE_DIMENSIONS=[xrange[1]-xrange[0],yrange[1]-yrange[0]], $
  MAP_PROJECTION='Mercator', ELLIPSOID='WGS84')
m = im.mapprojection
lonlat = m.MapInverse(im.xrange, im.yrange)
m.limit = [lonlat[[1,0,3,2]]]
```

At least with IDL 8.2.1, I'm getting an image in "meters", with a box grid. When I click on the image, and then move the mouse, it reports lat/lon position.

-Chris
ExelisVIS
