
Subject: Re: Map to data coordinate conversion

Posted by [David Fanning](#) on Mon, 22 Apr 2013 12:20:16 GMT

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Fabien writes:

```
>
> On 04/18/2013 05:12 PM, Chris Torrence wrote:
>> i = image(FILEPATH('boulder.tif',SUBDIR=['examples','data']))
>> print, i.mapforward(-105,40)
>
> Wait. Does that mean that IDL now supports geotiff projections?
>
> How do I get the Geotiff projection parameters without image() ?
> Can I get a map structure?
>
> Something like:
> g = geotiff(FILEPATH('boulder.tif',SUBDIR=['examples','data']))
>
> map = g->getMap()
> truelat = g->getTrueLat()
>
> etc.
>
> ???
```

Something like this has been available with cgImage for quite some time, too.

```
IDL> file = 'AF03sep15b.n16-Vlg.tif'
IDL> cgImage, Filename=file, MapCoord=map
IDL> Help, map
    MAP    OBJREF    = <ObjHeapVar11(CGMAP)>
```

Cheers,

David

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

Seppure ma de ni thue. ("Perhaps thou speakest truth.")
