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Subject: Re: shifted .kml created with IDL  
Posted by [titan](#) on Tue, 31 Jul 2012 07:09:59 GMT  
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On Monday, July 30, 2012 4:23:18 PM UTC+2, titan wrote:  
> On Monday, July 30, 2012 3:13:24 PM UTC+2, David Fanning wrote:  
>  
>> David Fanning writes:  
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>>  
>>> I haven't made KML files, but when I work with Google Maps,  
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>>  
>  
>>> they always come back in a Mercator projection. I presume  
>  
>>  
>  
>>> that is what they are using.  
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>  
>> To navigate the Google Static Maps that I get from Google,  
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>>  
>  
>> I use a Mercator projection with a WGS84 datum:  
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>>  
>  
>> mapCoord = Obj\_New('cgMap', 105, Datum=8)  
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>  
>> Cheers,  
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>> David  
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>> --  
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>  
>> David Fanning, Ph.D.  
>  
>>  
>  
>> Fanning Software Consulting, Inc.  
>  
>>  
>  
>> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
>  
>>  
>  
>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")  
>  
>  
>  
> Thanks a lot David,  
>  
> Tomorrow I will try using it as structure in the MAP\_PROJ\_INVERSE function and I will let you know as soon as possible  
>  
>  
>  
> cheers

Hi David,  
unfortunately it does not work or probably I'm still missing something :(  
Using the following code I get coordinates that are pointing to an area near Corsica!!

```
mapCoord_Google_earth = MAP_PROJ_INIT('Mercator', Datum=8)
lonlat_Google_Earth = MAP_PROJ_INVERSE([xLL,yLL,xUR,yUR],
MAP_STRUCTURE=mapCoord_Google_earth)
```

```
lon_range_Google_Earth=[lonlat_Google_Earth[0,0],lonlat_Google_Earth[0,1]]
lat_range_Google_Earth=[lonlat_Google_Earth[1,0],lonlat_Google_Earth[1,1]]
```

```
UL_lat_Google_Earth=lonlat_Google_Earth[1,1]
UL_lon_Google_Earth=lonlat_Google_Earth[0,0]
```

```
LR_lat_Google_Earth=lonlat_Google_Earth[1,0]
LR_lon_Google_Earth=lonlat_Google_Earth[0,1]
```

```
print , 'UL_lat_Google_Earth', UL_lat_Google_Earth
print , 'UL_lon_Google_Earth', UL_lon_Google_Earth
print , 'LR_lat_Google_Earth', LR_lat_Google_Earth
print , 'LR_lon_Google_Earth', LR_lon_Google_Earth
```

```
UL_lat_Google_Earth    47.512672
UL_lon_Google_Earth    4.4728665
LR_lat_Google_Earth    45.054882
LR_lon_Google_Earth    7.7499209
```

What I'm doing wrong?!?

thanks

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