
Subject: Re: Distance between coordinates
Posted by [wlandsman](#) on Mon, 18 May 2015 03:28:44 GMT
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On Saturday, May 16, 2015 at 8:23:49 PM UTC-4, astr...@gmail.com wrote:
> Hello Michael I have a problem in Code regard to gcirc.pro, It gave me incorrect of argument through IDL programme, How can I solve that?

We can't tell you what you are doing wrong if we don't know what you are doing. You need to show us how you are calling gcirc.pro (not a standard IDL procedure but in the IDL Astronomy library <http://idlastro.gsfc.nasa.gov/ftp/pro/astro/gcirc.pro>)

But here is how to get the same result as the example in the MAP_2POINTS documentation, the angular distance between Boulder and London.

B = [-105.19, 40.02] ;Boulder Longitude, latitude in degrees.
L = [-0.07, 51.30] ;London Longitude, latitude in degrees.

```
IDL> gcirc,2,b[0],b[1],l[0],l[1],dis
```

where we set the units (first) parameter to 2 (RAX and DCx in degrees, DIS in arc seconds)

so the angular distance between Boulder and London in arc seconds and degrees is

```
IDL> print,dis,dis/3600.
```

```
244275.60    67.854333
```
