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Subject: Re: Map projection of IMAGE() is behaving strangely...

Posted by [brainwasher](#) on Fri, 15 Nov 2013 16:52:07 GMT

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On Friday, 15 November 2013 16:43:33 UTC+1, AJAS wrote:

> Woops!

>

>

>

> I just noticed the bottom Y value is missing as well! Disaster.

Well, that problem is not only related to IMAGE function. It is found also in iTools and function ilmage, and it is inherited from who knows where and when. I was really expecting that new graphics will solve it, but when I tried it for the first time I was dissatisfied.

I was always using a quite straightforward way around, to give to idl one row and column it can swallow:

```
z_enlarged = FLTARR(3,nlon+1, nlat+1)
```

```
z_enlarged[0,1,1] = z
```

```
lon_enlarged = ((max(lon)-min(lon))/float(nlon))*findgen(nlon+1)+min(lon)
```

```
lat_enlarged = ((max(lat)-min(lat))/float(nlat))*findgen(nlat+1)+min(lat)
```

It is not perfect still, because idl shrinks the field little bit, but with a large number of points it looks good.

Any other solution?

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