
Subject: Re: West is Where!?

Posted by [Paul Van Delst\[1\]](#) on Tue, 20 Sep 2011 14:50:29 GMT

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Perth, Western Australia. Latitude $31^{\circ} 12' 60''$ S - Longitude $115^{\circ} 12' 50''$ E*.

You're looking from the backside of the mirror trying to describe why your *absolute* reference (i.e. the lat/lon grid) doesn't agree with your relative reference (i.e. up==north, left==west, etc.)

The plot looks o.k. to me.

cheers,

paulv

David Fanning wrote:

```
> Folks,
>
> Can anyone explain this:
>
> data = Dist(360, 180)
> i = Image(data, Limit=[-90,0,90,360], grid_units=2, $
>   image_dimensions=[360,180], image_location=[0,-90], $
>   margin=0.1, map_projection='orthographic')
> m = mapcontinents()
>
> I always learned that if North was at the top of the map,
> West would be to the right and East would be to the left.
> Is this, uh, opposite of that!?
>
> Is this because we can't specify longitude as
> 0 to 360, like most of the rest of the world
> outside the US? If that's the case, why don't
> we get an error message? Is it possible to label
> these lines of longitude with values from 0 to 360?
>
> Cheers,
>
> David
>
```