
Subject: Re: map: integerized sinusoidal

Posted by [David Fanning](#) on Wed, 18 Feb 2009 16:31:59 GMT

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Roman writes:

> Thanks for all your comments ! Below you find the way I did it
> succesfully in IDL:

Well, I have to admit, it appears to be a miracle to me.
But if it works, it works. :-)

One question:

```
> ; transform into UTM coordinates
> mapStruct = map_proj_init('integerized sinusoidal', $
>   center_longitude=0., false_northing = 0., $
>   false_easting = 0., is_zones=86400.0, $
>   sphere_radius = 6371007.181)
```

Where did you come up with that number, 86400, for the
IS_ZONES keyword? I thought there were a total of 648
"tiles" or "zones" in an integerized sinusoidal projection.

Cheers,

David

--

David Fanning, Ph.D.

Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
