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Subject: Re: MAP\_PROJ\_INIT

Posted by [David Fanning](#) on Sat, 29 Oct 2011 14:18:33 GMT

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alx writes:

```
> In order to process some GPS data, I logically write:
> IDL> map = map_proj_init(101, ELLIPSOID=24, ZONE=31)
> wanting to use WGS84 ellipsoid and UTM projection (zone 31 is for
> Paris), for further use of the "map_proj_forward" function. Then :
> IDL> print, map.A, map.E2, map.PROJECTION
>      6370997.0    0.00000000    20
> shows that IDL rather chooses the SPHERE and the projection n°20.
> Moreover this projection is not referenced in the IDL_help, the
> projection index ranging from 0 to 19.
> Forcing GCTP keyword to 1 does not change anything.
> What does it mean ?
```

I doubt it means anything. At most it means IDL maintains a different indexing scheme internally than they do in their public interface. That's not unusual. I don't think I would spend any time worrying about it. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

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

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