
Subject: MAP_PROJ_INIT

Posted by [lecacheux.alain](#) on Sat, 29 Oct 2011 10:09:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

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 ?

alain.
