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Subject: Re: Map\_proj\_forward.pro

Posted by [David Fanning](#) on Wed, 11 Mar 2015 22:55:38 GMT

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xiaoxiaoxi writes:

> I need to use map\_proj\_forward function in IDL but the problem is I couldn't find the source code or algorithm behind it anywhere online. Can anyone help me with this please?

The Map\_Proj\_\*\*\*\* routines use the US Geological Survey's General Cartographic Transformation Package (GCTP) version 2 software. This was state of the art map projection software in the 1980s and is still the most professional and accurate map projection software available in IDL. Most other software these days (including ENVI), use the PROJ4 software.

<http://www.geography.hunter.cuny.edu/mp/software.html>

For most map projections, the GCTP projection information is perfectly adequate. I've always found the Map\_Proj\_Forward function to be accurate.

Cheers,

David

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

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

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