
Subject: Re: Conversions among datums and geographic coordinates

Posted by [Bernard Puc](#) on Tue, 09 Nov 1999 08:00:00 GMT

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We have compiled a set of C routines as shared libraries which can be called from within IDL to do all those conversions. USGS has a package called PROJ.4 which is cartographic projection software which can be downloaded from their website at <http://kai.er.usgs.gov/ftp/PROJ.4/proj.html>. Send me an email if you'd like more information on our implementation.

Joe Means wrote:

>
> I would like to find a routine or group of routines to convert among
> datums [NAD27, NAD83], and projection systems [e.g., state plane, UTM]
> and coordinates systems [lat-long, cartesian] that can be called from
> within IDL. I have been looking for this for a while with limited
> success. Any one have ideas?
> Joe Means

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