
Subject: Re: Conversions among datums and geographic coordinates

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

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You can find an executable that does all this at

<http://crunch.tec.army.mil/software/corpscon/corpscon.html>

I don't know if you can get source code out of them however.

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
-

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.

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Subject: Re: Conversions among datums and geographic coordinates

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

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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">

<html>

Joe Means wrote:

<blockquote TYPE=CITE>I would like to find a routine or group of routines
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Joe Means</blockquote>

Howdy,

<p>I have some code to transform from Lat/Lon to UTM in meters for
NAD27 and NAD83 (actually WGS84). It resides on a different machine
so send it to you ASAP.

<pre>--

Ben Tupper

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