
Subject: Re: Vectorized great circle calculations

Posted by [Kenneth P. Bowman](#) on Thu, 01 Apr 2010 21:24:13 GMT

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In article

<19d72d21-41e1-4f5a-9694-f80d9d4a6da1@j21g2000yqh.googlegroups.com>, Maxwell Peck <maxjpeck@gmail.com> wrote:

> Not that this really answers the question but this site

>

> <http://williams.best.vwh.net/avform.htm>

>

> Is very good for finding these sort of formula, most of them are an

> almost copy and paste into IDL.

>

> Max

>

>> Can anyone point me to vectorized versions of LL_ARC_DISTANCE and

>> for worst mnemonic value among all IDL routine names.)

>>

>> I need to compute the lon-lat coordinates of points a specified

>> distance along great circles between many points and a target point.

>>

>> I am hoping to avoid having to puzzle through the spherical

>> trigonometry identities yet again in order to roll my own.

>>

>> Thanks, Ken

I have already vectorized the code for LL_ARC_DISTANCE.

It was relatively straightforward. MAP_2POINTS is uglier,

as it does a bunch of different things, but it shouldn't

be too hard to vectorize the part of it that I care about.

But, this is not the most productive use of my time.

Thanks, Ken
