Subject: Re: how to calculate distance from pairs of latitude/longitude measurements?
Posted by Jeremy Bailin on Thu, 12 Mar 2009 14:20:45 GMT

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On Mar 12, 8:02 am, mankoff <mank...@gmail.com> wrote:
> On Mar 11, 4:33 pm, llo <bernat.puigdomen...@gmail.com> wrote:
>
>
>
>> I am working on a project where I will be receiving measurements from
>> the Global
>> Positioning System, presumably latitude and longitude measurements,
>> and I will
>> need to calculate the distances between the measurement points. The
>> measurements
>> will all be taken over a region of only a few miles so I guess I could
>> assume
>> the earth is flat over this region and just calculate the straight
>> line
>> distance.
>
>> But I was wondering if anyone could help me with a more mathematically
>> rigorous method for calculating distance from pairs of latitude/
>> longitude
>> measurements?
>
>> thanks,
>
>> llo
>
> As mentioned below map_2points works. I've found distance_sphere (in
> the ICG library) to be handy because it works with vectors.
>
>   -k.

...or SPHDIST in the Astronomy User's Library.

-Jeremy.