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Subject: Re: Distance - geodesic - Vincenty - very accurate

Posted by [nneilson](#) on Sun, 21 Mar 2010 09:12:59 GMT

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koldo wrote on Sun, 21 March 2010 07:57Hello nneilson

At least in C++ that would be more work to decompile. It may be easier for someone to port the Vincenty code from Fortran to C++ than try to hack an .exe.

Do you mean that you call a windows .exe that includes the Vincenty code?

If yes it seems the Chris Veness javascript LGPL code here

<http://www.movable-type.co.uk/scripts/latlong-vincenty.html> is easy to port to C.

I think that is pretty close to what I meant.

I have not tried to decompile an .exe or .dll file but know it can be done but it takes experience and work to do it. So what I was trying to say was the Distance app code was proprietary and that for someone to port the Fortran code would seem to be easier than decompiling a compiled .exe file.

Chris Veness's javascript code is just for the Inverse Formula and he has a copyright even though it is LGPL. Then you would need the Direct Formula.

There are examples on the web in different languages. I think a Govt. agency has code in another language, as well as the Fortran, where there would be no copyright.