Subject: Re: Distance - geodesic - Vincenty - very accurate
Posted by nlneilson on Sat, 20 Mar 2010 23:52:23 GMT
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Didier wrote on Sat, 20 March 2010 22:29But why not publish a linux version or even the source code ?
When I get Ubuntu up again on my main computer I will download upp for Linux and try making a .elf to run directly in Linux.

Just this morning I tried to update 9.10 to 10.04b2, that didn't work.
I downloaded and burned an ISO and it locks on boot, a known issue that was "fixed" a few days ago but have been unable to get the fix. Probably just install 9.10 until 10.04 release comes out, about 5 weeks.

Much of the code is proprietary, that is one reason it was never released in Java. The "decompiler" jad easily puts it back to source code. A Java .jar is not really compiled, it is an interpreted language that is "compiled" or turned into machine code, at run time by the jre.
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.
http://www.ngs.noaa.gov/PUBS_LIB/inverse.pdf
The rest of the code is mostly manual labor except for the parsing.

Does the Linux version of Upp come with or has links to the correct version of MinGW or whatever compiler will work?
I will probably need to read several threads to get that working.