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

Posted by [nneilson](#) on Sat, 27 Mar 2010 07:05:31 GMT

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Dumb mistake, I really mess up sometimes.

When I port from one language to another I copy and paste and if several lines are nearly the same I paste that in more than once and then change what is necessary.

In Java I used dLat for a double and sLat for a String.

In Upp I used lat for a double and Lat for a String.

In the parse decimal degrees loop:

```
if (lon<=180 && lat>=-180)
```

should be lon

```
if (lon<=180 && lon>=-180)
```

This catches most error that would be caused by more than one space.

If I ever get an error caused by multiple spaces, or a report of one

I will count the spaces in the code and kick it out.

In Java this took care of it: `.replaceAll("\\s+", " ");`

I uploaded the file with FileZilla, downloaded and tried it, works OK.

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