
Subject: Re: Duplicate lat/long points

Posted by [Jeremy Bailin](#) on Wed, 21 Jan 2009 15:14:58 GMT

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On Jan 20, 8:57 am, hethomas <het...@googlemail.com> wrote:

> Thank you all for your responses - I am still trying to get the
> histogram method working, but have come up with a temporary working
> solution using UNIQ and running it over two FOR loops.
> James - my problem wasn't as complicated as yours, as all my points
> are the same precision, so that identical points are truly exactly the
> same. Thanks for sharing your method though. May be useful later! (I
> can't easily move to R as I am using IDL coupled with ENVI for
> satellite data work . . .)
>
> Helen

How about turning each (lat,lon) pair into a single unique index?
Since the latitudes are bounded by (-90,+90) the following mapping
function should work:

`onedcoord = (lats+90) + 200*lons`

You can then just run onedcoord through sort and uniq and just use one
for loop (or probably none if you're clever enough...).

-Jeremy.
