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Subject: Duplicate lat/long points

Posted by [hethomas](#) on Wed, 14 Jan 2009 10:21:53 GMT

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From searching this forum for "duplicate points" I found that a while back, under the thread entitled "duplicates - a new twist" my problem was posted (almost exactly identically) by Martin Doyle.

[ [http://groups.google.com/group/comp.lang.idl-pvwave/browse\\_thread/thread/470ca560db41c58a/df9dba74d5788f6c?lnk=gst&q=duplicate+points#df9dba74d5788f6c](http://groups.google.com/group/comp.lang.idl-pvwave/browse_thread/thread/470ca560db41c58a/df9dba74d5788f6c?lnk=gst&q=duplicate+points#df9dba74d5788f6c) ]

In short, I have a list of latitude, longitude and data and need to combine any duplicate lat longs by summing the data value.

Despite the many follow up answers to this I am still having problems with using the UNIQ function on both latitude and longitude as they each need to be sorted numerically for IDL to work. Is anyone able to shed any light on this?! Or indeed, know of a quicker/easier method. There is a function in R called "aggregate" which appears to do exactly what I need, but I am unable to find an IDL equivalent.

Any help is greatly appreciated!

Helen

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