Subject: Re: Sort and Where - SOLVED! Posted by Martin Schultz on Fri, 30 Jun 2000 07:00:00 GMT View Forum Message <> Reply to Message

```
Simon de Vet wrote:
  I've managed to solve my problem.
>
  First I defined the array to remove all the negative values:
>
  nozero = where( pem1(flight, *, 6) gt 0.0 and pem1(flight, *, 9) gt 0.0)
  Then I sorted the filter array by the size of the y-coordinates, and
  applied it to the arrays:
> x-coordinates:
  pem1(flight, nozero(sort(pem1(flight, nozero, 6))), 9)
> y-coordinates:
  pem1(flight, nozero(sort(pem1(flight, nozero, 6))), 6)
 The problem lay in where I was sorting. I was originally trying to sort the
  array data itself, instead of trying to sort the index I had already
  created.
> Yay!
> Simon
Simon,
  sounds like you may wish to try my ind_comb routine from my library
at
http://www.mpimet.mpg.de/~schultz.martin/idl/. This allows you to
```

combine the results of sequential WHERE operations. In your example:

```
ok1 = where(pem1(flight, *, 6) gt 0.0)
ok2 = where(pem1(flight, *, 9) gt 0.0)
nozero = ind_comb(ok1, ok2, "AND")
```

I wrote this when I had to deal with data similar to yours and ran into this kind of situation over and over again.

Regards, Martin

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x-coordinates:

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y-coordinates:

pem1(flight, nozero(sort(pem1(flight, nozero, 6))), 6)

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Yay!

Simon