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Subject: Re: Make\_array() and using arrays as subscripts  
Posted by [peter.albert@gmx.de](mailto:peter.albert@gmx.de) on Tue, 10 Jan 2006 08:13:13 GMT  
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Hi Sheldon,

well, reading the title of this posting I don't see where Make\_array() comes into your question, but anyway ... :-)

Like said already, WEHRE always returns a 1-dimensional vector, so here you loose your dimensions in my\_array. If you can be sure that good\_indices always is a factor of 3 (i.e., if a line contains '9999', all 3 elements are equal to '9999'), then you can use a simple

```
my_array = reform(my_array, 3, n_elements(good_indices)/3)
```

to get things right again.

However, if this is not the case, I can suggest yet another approach without loops:

```
good_indices = where(strpos(strjoin(my_array), '9999')) eq -1)
```

Mind that in this case good\_indices is only "valid" on the second dimension, so at maximum it can have 344 elements. I am just concatenating each line into one string each and look for the occurrence of '9999' within the string. If this substring does not occur at all, it's a good line.

Then you can use

```
my_array = my_array[*, good_indices]
```

to shrink your array to the good lines without the nodaata value.

Cheers,

Peter

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