
Subject: Re: Create new arrays from series of subsequent integers in an existing array

Posted by [JD Smith](#) on Wed, 24 May 2006 21:55:59 GMT

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On Tue, 23 May 2006 16:55:42 -0600, David Fanning wrote:

> Jonathan Wolfe writes:

> I wrote up a slightly different method on my web page:

>

> http://www.dfanning.com/idl_way/avgseries.html

Some remixing there... mostly fine, but at one point you you say "although not in this particular case" regarding the correctness of the form of reverse indices indexing. That's actually not true: both forms are correct, it's just that with the `data[index_vector]` form, it's not easy to extend the range of indices by one. You could actually say:

```
data[[index_vector,index_vector[n_elements(index_vector)-1]] ]
```

and this would do it just as well. Using the `data[low:high]` trick, where you know you have consecutive indices in your HISTOGRAM bin, just allows you to append one to the range of indices to recover that missing member of the group. So both are correct, but one is more convenient.

JD
