Subject: Re: resizing an array of structures (uugh)
Posted by Randall Skelton on Mon, 04 Jun 2001 19:41:57 GMT

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I have *finally* convinced the department to invest in David's book. It
has only been in the library for 6 hours and it is already out and
reserved for next week :(

Reimar's and David's reply answered my question-- square bracket notation
with a colon for good measure.

```
IDL> test = {float:0.0, double:0.0, string:''}
IDL> test_arr = replicate(test, 100)
IDL> help, test
TEST          STRUCT    = -> <Anonymous> Array[1]
IDL> help, test_arr
TEST_ARR      STRUCT    = -> <Anonymous> Array[100]
IDL> test_arr2 = test_arr[0:50]
IDL> help, test_arr2
TEST_ARR2     STRUCT    = -> <Anonymous> Array[51]
```

This is exactly what I was looking for! Seems the EXTRAC function
would have worked as well.

Using the IDL online help I found 'resize', 'array', 'reform', 'rebin',
'make_array', etc, but I couldn't find any help on doing this rather
simple task. Any thoughts on what I should have searched for?

Thanks again,
Randall

On Mon, 4 Jun 2001, David
Fanning wrote:

> I've read your article several times, and I still can't
> convince myself I'm not missing something. (Is that
> a double negative!?) But I don't see any reason you
> can't treat an array of structures in the same way
> you treat an array of anything. Since you are counting
> the structures as you fill them into the array, don't
> you just want this:
>
>   array = array[0:count-1]
>
> Cheers,
>
> David
> --

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