
Subject: Re: a=a(*,[4,1,2,3,0]) efficiency
Posted by [David Foster](#) on Tue, 14 Jul 1998 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Ray wrote:

>
> I am wondering about the efficiency of the following
>
> <snip>
> ; reorder data
> a=a(*,[4,1,2,3,0])
>
> Does IDL make a temporary copy of a when size of the left
> hand side (a) is the same as the right hand side a(*,[4,1,2,3,0]) ?
> If so, is there a better way to reorder my data? In my application
> the last dimension of a is typically much greater than 5 (e.g. 300).
>

Ray -

I would suggest using the temporary() function to reduce the
memory overhead:

```
a = temporary(a(*,[4,1,2,3,0]))
```

Dave

--

~~~~~  
David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bial1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2240  
                    La Jolla, CA 92037  
~~~~~