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Subject: Re: Dos and Donts

Posted by

on Thu, 28 Sep 2000 07:00:00 GMT

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"Liam E. Gumley" wrote:

> And finally, one from me. The TEMPORARY function can often be used to  
> conserve memory. However it's not immediately obvious (at least it  
> wasn't to me until recently) how to use TEMPORARY when extracting an  
> array subset.

>

> For example, TEMPORARY saves no memory in the following example:

>

> a = dist(256)

> b = temporary(a[0:63, 0:63])

> help, a, b

> A            FLOAT    = Array[256, 256]

> B            FLOAT    = Array[64, 64]

>

> The argument a[0:63, 0:63] is passed to TEMPORARY by value, and

> therefore cannot be modified. However the following method \*does\* save

> memory:

>

> a = dist(256)

> b = (temporary(a))[0:63, 0:63]

> help, a, b

> A            UNDEFINED = <Undefined>

> B            FLOAT    = Array[64, 64]

Finally, that's something new, I didn't know before!!!

Thank you very much :-)

Hans Joerg

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