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Subject: Re: array subscripting

Posted by [David Fanning](#) on Fri, 11 Dec 2009 16:43:48 GMT

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Dave Higgins writes:

- > Thanks for your reply. Sorry I wasn't clear in my post. I was
- > wondering if there's a better way, in terms of memory management. I.e.
- > not creating a second huge array (phi after the rebin), when the
- > useful information is a 1d vector.

The IDL Way often involves trade-offs between speed and memory. A judicious use of a FOR loop might be called for here, if memory usage is getting ridiculous. But I would think about transposing your array so that if you do settle on a loop solution your multiplications occur on rows of data and not columns of data. Looping on columns is sure to be slow, slow, slow.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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