
Subject: Re: An optimisation question

Posted by [David Fanning](#) on Tue, 27 Mar 2012 22:00:38 GMT

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Matt Francis writes:

```
>> values = (REFORM(basis[index,*,*]))[ilat,ilon]
```

```
>
```

```
> In this case the RHS returns an array of the correct length, however  
> for the size of basis array I have, the second version turns out to be  
> literally hundreds of times slower (according to PROFILER). I though  
> this must be because of REFORM, but the time spent in the REFORM  
> function is relatively small. I can't work out why the second version  
> is slow?
```

I suspect it is those pesky asterisks giving you trouble
in your loop.

http://www.idlcoyote.com/code_tips/asterisk.html

http://www.idlcoyote.com/misc_tips/submemory.html

Cheers,

David

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

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