
Subject: Re: Using MIN on arrays : Exorcising loops?
Posted by [Andrew Cool](#) on Thu, 11 Oct 2001 01:38:52 GMT
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Martin,

I'm back at work, and the original program that I thought showed a fault in your method has gone to God, courtesy of a purge on excess files.

Neither can I recreate the effect I saw. Your single inline method works just as well as Craig's.

I musta Goofed somewhere. Looks like I owe you an apology!

Maybe I've got a Brain Tumour or had Friday-night-itis?

Regards,

Andrew

Martin Downing wrote:

```
>  
> Hows it going Andrew,  
>  
> I tested it first and it certainly worked for me. Not with you on the need  
> for an initial test.  
> Craig's version is fine, heck its only 2 loops! However I am curious as to  
> what went wrong for you  
> Either its a monday morning thing or IDL is hemisphere dependant: try > in  
> place of  
> < ;)!  
> cheers Martin  
>  
> IDL> data_array = fix(randomu(1,3,3,3)*10)  
>  
> IDL> print, data_array  
>  
> 4 0 7  
>  
> 5 9 3  
>  
> 6 0 7  
>  
> 6 3 6  
>
```

```

> 8 5 6
>
> 2 2 7
>
> 7 9 0
>
> 2 8 2
>
> 5 3 2
>
> IDL> print, data_array[:,0] < data_array[:,1] < data_array[:,2]
>
> 4 0 0
>
> 2 5 2
>
> 2 0 2
>
> IDL> print, !version
>
> { x86 Win32 Windows 5.4 Pommie Version Sep 25 2000 32 64}
>
> --
> -----
> Martin Downing,
> Clinical Research Physicist,
> Grampian Orthopaedic RSA Research Centre,
> Woodend Hospital, Aberdeen, AB15 6LS.
>
> m.downing@abdn.ac.uk
>
> "Jaco van Gorkom" <j.c.van.gorkom@fz-juelich.de> wrote in message
> news:3BC16C4B.B424CD8C@fz-juelich.de...
>> andrew cool wrote:
>>> Martin Downing wrote:
>>>>
>>>> For a simple case like this, why not just use:
>>>>   Min_array = data_array[:,0] < data_array[:,1] <
> data_array[:,2]
>>>
>>>
>>>   Now that I'm back at work, I regret to advise that your approach
>>>   doesn't work. [...]
>>
>> Do you get some kind of error message then? Here it works all right (IDL
> 5.4).
>> Just interested.
>>

```

>> Cheers,
>> Jaco
