
Subject: Re: arithmetic operation on array
Posted by [wlandsman](#) on Wed, 14 Aug 2013 19:54:26 GMT
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While TEMPORARY() won't help things, you can improve the speed by not using asterisks on the left side of the assignment statement. instead write

```
for i=0, 999 do data[0,0,i] = temporary(data[*,* ,i])-average
```

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

--Wayne

On Wednesday, August 14, 2013 3:24:17 PM UTC-4, John Correira wrote:

> On 08/12/2013 06:51 PM, Phillip Miller wrote:

>

>> As an aside, I see why using temporary(data) in example 3 is more

>

>> memory efficient. Would it have been appropriate to use it in example

>

>> 2 as well, e.g.

>

>> for i=0, 999 do data[*,* ,i] = temporary(data[*,* ,i])-average

>

>> or would I be losing the original array as soon as the temporary

>

>> function kicks in during the first iteration of the for loop?

>

>>

>

>

>

> By subscripting the data array you are making a copy of it, so using

>

> TEMPORARY won't help.

>

>

>

> John