
Subject: the dimension of array

Posted by [web](#) on Wed, 17 Oct 2001 03:09:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi, I offer use the following operation:

`a=fltarr(10,10,10)` is a 3-d array,

if I set

`b=a(0,*,*)`, it is still a 3-d array. But I hope b is a 2-d array. How can I do then?

best,

jiali

Subject: Re: the dimension of array

Posted by [Alexander Rauscher](#) on Thu, 15 Nov 2001 21:06:18 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Wed, 17 Oct 2001, jiali wrote:

> Hi, I offer use the following operation:

> `a=fltarr(10,10,10)` is a 3-d array,

> if I set

> `b=a(0,*,*)`, it is still a 3-d array. But I hope b is a 2-d

> array. How can I do then?

>

> best,

> jiali

`c=reform(b,10,10)`

Subject: Re: the dimension of array

Posted by [hradilv.nospam](#) on Thu, 15 Nov 2001 21:41:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

Or you can declare b ahead of time:

`b = fltarr(10,10)`

`b[:, :] = a[0, :, :]`

On Thu, 15 Nov 2001 22:06:18 +0100, Alexander Rauscher
<e9121161@stud4.tuwien.ac.at> wrote:

>

>

> On Wed, 17 Oct 2001, jiali wrote:

```
>
>> Hi, I offer use the following operation:
>>      a=fltarr(10,10,10) is a 3-d array,
>>    if I set
>>      b=a(0,*,*), it is still a 3-d array. But I hope b is a 2-d
>> array. How can I do then?
>>
>> best,
>> jiali
>
> c=reform(b,10,10)
>
>
```
