
Subject: Re: Merging Bytarr

Posted by [Mark Chan](#) on Wed, 17 Jan 2001 04:19:11 GMT

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Thanks Craig.

I used this clumsy way:

```
d=bytarr(3,40,700)
```

```
d(0,0,0)=a & d(0,0,200)=b & d(0,0,300)=c
```

Your way is better.

What throws me off in the first place was that the image, when shown on screen, was 40 wide and 100 high, the next one 200 high, and the last one 400 high. To be pasted into 40 wide x 700 wide. The sequence of the (3,40,etc) was not the same as my experience with other array indices (maybe I am missing something).

Thanks,
Mark Chan

"Craig Markwardt" <craigmnet@cow.physics.wisc.edu> wrote in message news:on8zoct3qv.fsf@cow.physics.wisc.edu...

>

> "Mark Chan" <chanm@cadvision.com> writes:

>

>> I am new to bytarr operation.

>>

>> I have 3 separate color images in the following format:

>>

>> bytarr(3,40,15500)=a

>> bytarr(3,40,15500)=b

>> bytarr(3,40,4000)=c

>>

>> Each representing a portion of a large image. They were read from 3 separate

>> files.

>>

>> What is the easiest way to combine these 3 files into one file and output it

>> to a single file for later operation.

>

> I am assuming you want to concatenate the three arrays into a

> 3x40x35000 array. If that's the case then the following code should

> show you the way, here using three arrays BB1, BB2 and BB3 as a

> example

>

> IDL> bb1 = bytarr(3,40,100)

```
> IDL> bb2 = bytarr(3,40,200)
> IDL> bb3 = bytarr(3,40,400)
>
> IDL> help, [[[bb1]],[[bb2]],[[bb3]]]
> <Expression>  BYTE      = Array[3, 40, 700]
>
> Voila. To be honest with you, I never understand how many nested []'s
> I need in order to make it work. I just go for trial and error until
> it does.
>
> Craig
>
> --
> -----
> Craig B. Markwardt, Ph.D.      EMAIL:  craigmnet@cow.physics.wisc.edu
> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
> -----
```
