
Subject: Re: Merging Bytarr

Posted by [Craig Markwardt](#) on Tue, 16 Jan 2001 06:23:04 GMT

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"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)
> bytarr(3,40,15500)
> bytarr(3,40,4000)
>
> 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

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