
Subject: Re: Changing the order of true color images
Posted by [Alex Schuster](#) on Mon, 28 Jan 2002 13:55:25 GMT
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"Liam E. Gumley" wrote:

> Have you tried the TRANSPOSE function?
>
> For example, to change the dimensions from (3, m, n) to (m, n, 3):
>
> a = transpose(temporary(a), [1, 2, 0])

Just a note: a = transpose(a, [1, 2, 0]) is the same, the temporary()
function does not save memory when used inside a function.

```
IDL> a=findgen(1000,1000,10)
IDL> help, /mem
heap memory used: 40206937, max: 40206965, gets: 237,
frees: 96
IDL> a=transpose(temporary(a), [1,2,0])
IDL> help, /mem
heap memory used: 40207016, max: 80207156, gets: 242,
frees: 99
```

```
IDL> a=findgen(1000,1000,10)
IDL> help, /mem
heap memory used: 40206821, max: 40206849, gets: 231,
frees: 93
IDL> a=transpose(a, [1, 2, 0] )
IDL> help, /mem
heap memory used: 40206892, max: 80207040, gets: 236,
frees: 96
```

Alex

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