
Subject: Re: about replicate_inplace

Posted by [Richard Younger](#) on Wed, 23 Jul 2003 17:57:15 GMT

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Also, there's the /NOZERO keyword to all the array creation routines that neglects to zero out the data.

```
T = systime(1)
b = bytarr(nreg, nreg, /NOZERO)
replicate_inplace, b, 1b
print, systime(1) - T, ' seconds, BYTARR/nozero and REPLICATE_INPLACE'
```

Using /NOZERO seems to speed BYTARR and REPLICATE_INPLACE things up to the speed of MAKE_ARRAY, but it's still not quite as good as addition.

With nreg=3000,

```
0.37500000 seconds, BYTARR and [*]
0.35899997 seconds, BYTARR/nozero and [*]
0.14100003 seconds, BYTARR and REPLICATE_INPLACE
0.12500000 seconds, BYTARR/nozero and REPLICATE_INPLACE
0.10899997 seconds, REPLICATE_INPLACE
0.12500000 seconds, MAKE_ARRAY
0.093999982 seconds, onebyte+BYTARR
```

Best,
Rich

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Richard Younger
(de-spammed return address)
