
Subject: Re: Help: how to do ?

Posted by [Pavel Romashkin](#) on Tue, 04 May 1999 07:00:00 GMT

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

Hi Tri,

Now I tested it better. Try the following:

pro test, N

```
start=systime(1)
a1=findgen(1,3)
a2=findgen(N, 3)
a3=a2
for i=0,N-1 do a3[i, *] = a2[i, *]+a1
print, systime(1) - start
print, a3
```

```
start=systime(1)
a1 = fix(findgen(N*3)/N)
a2 = findgen(N*3)
a3 = reform((a2+a1), N, 3)
print, systime(1) - start
print, a3
end
```

Still is faster by a factor of 10.

Cheers,

Pavel

Tri VU KHAC wrote:

```
> Having 2 arrays:
> + 3x1 :      A1 = findgen(1, 3)
> + 3xN:      A2= findgen(N, 3)
>
> No I need to do sth like:
>
> for i=1, N do A[i,*] = A2[i,*] + A1
>
> How to avoid FOR-DO here ?
```
