Subject: Re: more for-loops vs. arrays
Posted by Ben Tupper on Wed, 08 Mar 2000 08:00:00 GMT

reardonb@my-deja.com wrote:

```
> I also have a For-loop vs. array question.
> I want to fill an array with a random sequence of
> 1's and 0's.  This works:
>
>       array1 = intarr(5,4)
>       for I=0,4-1 do begin
>           for II=0,5-1 do begin
>                array1[II,I] = round(randomu(s))
>           endfor
>       endfor
>
> but can I do it without for loops?
>
```

Hello,

I think so... try the following

 Arr = RandomU(Seed, 5,4)

 Arr = Arr * (Arr GT 0.5)

You could actually shorten this to ...

 Arr = RandomU(Seed,5,4) GT 0.5

Be sure to check of the earlier discussion about the random number
generation in IDL , I think it starts with Fun with Random Numbers.

Ben

--
Ben Tupper

Bigelow Laboratory for Ocean Science
tupper@seadas.bigelow.org

pemaquidriver@tidewater.net