

Posted by [Eli Beckerman](#) on Fri, 13 Apr 2001 20:17:35 GMT

```
> Eli,
>
> No matter how look at it, your example shows you *are* using a loop to
> create an evenly spaced mesh vector. I guess I was trying to say that
> using a loop is not the best way to do this in IDL. One of the wisest
> pieces of advice I ever received about IDL programming was
>
> "Try to think like an IDL programmer, not a Fortran or C programmer".
>
> In this spirit, I submit that the following method is preferable:
>
> nx = 1000    ; number of values required
> dx = 0.25    ; step size
> x1 = 0.0     ; start value
> radius = lindgen(nx) * dx + x1
>
> You might try changing the number of values to 10,000,000 and seeing
> which method is faster.
>
> Cheers,
> Liam.
```

I can't reason out any way of doing this without the loop, but I imagine it can be done...

```
ee=fltarr((maxR/bin)+1)
rval=fltarr(maxR/bin)+1)
```

[illegible]