
Subject: Re: Efficient Programming

Posted by [Leonard Kramer](#) on Sun, 02 Jul 1995 07:00:00 GMT

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dean@phobos.cira.colostate.edu wrote:

```
>
>   What would be the most efficient way to get this to work in IDL. This is
> obvious slow with the FOR DO BEGIN.....
>
>
>   Kelly Dean
>   CSU/CIRA
>
> =====
=====
>
> nx = 1024
> ny = 768
> North_bound = 3429
> West_bound = 9249
> line_res = 4
> elem_res = 8
>   LINarr = LONarr(nx*ny)
>   PIXarr = LONarr(nx*ny)
>   k = 0L
> *   FOR y = 0, ny-1 DO BEGIN
> *     FOR x = 0, nx-1 DO BEGIN
> *       LINarr(k) = North_bound + ( y * line_res)
> *       PIXarr(k) = West_bound + ( x * elem_res)
> *       k = k + 1L
> *     ENDFOR
> *   ENDFOR
>
```

You see those lines I marked with an * above. Replace them with:
