
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:
