Subject: Re: Most Common IDL Programming Errors
Posted by Erik[1] on Thu, 10 Apr 2008 09:29:27 GMT

On 10 apr, 04:18, Tom McGlynn <t...@milkyway.gsfc.nasa.gov> wrote:
> One problem that I used to make all the time was to assume that WHERE
> returned a match, e.g.,
>
>   w = where(x gt 0)
>   x[w] = alog10(x[w])
>
> neglecting the case where the x are all negative. My programs would
> always work when I tested them, and then I'd find they failed when I
> tried them in the real world. The need to check finally got beaten
> into me.
>
> Another is fogetting the inherently parallel nature of array
> operations, e.g., something like expecting
>
>   x=[0,1,1,2,2,2]
>   y=indgen(3)
>
>   y[x] = y[x]+1
>
> to give something other than 1,1,1.
>
>   Regards,
>   Tom McGlynn

Quote:
- Coding up your own function when there's a perfectly useful inbuilt
command that'll do what you want, and can even do it without three
nested FOR loops ;-)

Lol! So true this one!