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Subject: Re: [Q]IDL: Using WHERE.

Posted by [Paul Schopf](#) on Thu, 21 Mar 1996 08:00:00 GMT

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Thomas A. McGlynn wrote:

[snip, snip, snip]

> This is something that I've always wanted to be able to do efficiently  
> but seem always to need to go through large arrays twice.  
> I frequently run into the situation that I want to do one thing for

> with some bad pixels set to <0 and I want to display a logarithmic  
> image of the data, I might want to do something like:

```
>  
> w=where(image le 0)  
> ww = where(image gt 0)  
> qmin = min(image(ww))  
> image(w) = .5*qmin  
> tvscl,alog(image)  
>
```

I know that this is not exactly what we are discussing here, but  
how about

```
tvscl, alog( image > 0.5*min( image(where(image gt 0))) )
```

BTW, For Andy Loughe, note that we only ever need 1 line of  
code, for maximum obfuscation. In this case if the where  
statement fails, you are screwed anyway.

For Tom, I won't guarantee that this takes any less time.

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