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Subject: Re: improve calculation time

Posted by [Matthew Argall](#) on Thu, 10 Jul 2014 13:46:03 GMT

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> I just change the dimensions of my array before. The above are the original one

Yes, you will have to alter my example to fit your data.

In my example, X is originally a 301 element array:

```
x = indgen(1,301)
```

In order to add X to Bx and to access SIM and DIM (which are 301x301 arrays), I converted X to a 301x301 array. This allowed me to eliminate FOR loops.

```
x = lindgen(1,301)
```

```
x = round(rebin(x, 301, 301) + Bx)
```

The error that you mention usually is a result of comparing an array to a scalar

IDL> if bytarr(348,348) eq 0 then print, 'No Error'

% Expression must be a scalar or 1 element array in this context: <BYTE     Array[348, 348]>.

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