Subject: Re: Faster than this...
Posted by Craig Markwardt on Thu, 03 Feb 2000 08:00:00 GMT
View Forum Message <> Reply to Message

Ricardo Fonseca <zamb@physics.ucla.edu> writes:
>
> I have this line of code in IDL 5.2a
>
> for j=0, N-1 do Data[j]=XAxisData[j]^2*Data[j]
>
> Where both Data and XAxisData have the same dimension N.
> Does anyone know if there is a faster way of doing this
> (i.e. avoiding the for cicle) ?

I hope this isn't a trick question. The expression

```
Data = XAxisDAta^2 * Data
```

should work fine. Don't worry about Data being overwritten. The
right hand side is fully evaluated with the "old" value of Data,
before the "new" value of Data is assigned.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response