Subject: Re: Referencing various variables through string()? Posted by David Fanning on Tue, 07 Mar 2006 17:01:07 GMT

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Daelomin writes:

- > The reason why I didnt store values in a bigger array
- > (tcwv=fltarr(7,NPoints) for example) is that when I assign a column to
- > a variable, I always get a variable of size (1, Npoints) instead of
- > Npoints... There must be a function to drop the "useless" reference to
- > a 1D array in 2 variables, I just dont know it...

```
col = Reform(tcwv[4,*])
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Referencing various variables through string()? Posted by Paul Van Delst[1] on Tue, 07 Mar 2006 17:18:14 GMT View Forum Message <> Reply to Message

B ...

```
David Fanning wrote:

> Daelomin writes:

> 
> 
> The reason why I didnt store values in a bigger array

>> (tcwv=fltarr(7,NPoints) for example) is that when I assign a column to

>> a variable, I always get a variable of size (1,Npoints) instead of

>> Npoints... There must be a function to drop the "useless" reference to

>> a 1D array in 2 variables, I just dont know it...

> 
> 
> col = Reform(tcwv[4,*])
```

Alternatively you can construct your monster array like so:

```
tcwv=fltarr(NPoints,7)
```

and let IDL do the (usually) superflous dimension removal for you (much to the consternation of some c.l.i-p readers I believe).

paulv

Paul van Delst CIMSS @ NOAA/NCEP/EMC

Subject: Re: Referencing various variables through string()? Posted by Daelomin on Tue, 07 Mar 2006 17:31:03 GMT View Forum Message <> Reply to Message

It doesn't work for me when I assign that column to a new array (say

tmp=fltarr(NPoints) tmp=tcwv[4,*]

)...

I had used 'reform' in 2001, I had just totally forgotten it ever existed :D Thanks David, you rule.