
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
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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) superfluous 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
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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.
