
Subject: Referencing various variables through string()?

Posted by [Daelomin](#) on Tue, 07 Mar 2006 16:49:47 GMT

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Hi again,

I promise I wont be spamming the list, but because I have so many variables to deal with (say, arrays tcwv1,...tcwv7,tb1,...tb7 and many others), I was hoping you guys would have a dirty trick to reference an array by a concatenation of strings ?

If I am being obscure, I'd like to do this: (which doesnt work)

```
for k = 1, NPoints do begin
```

```
for i = 1, 200641 do begin
```

```
array ="tcwv"+string(i)
```

```
tmp=array[k] ;; which would be evaled to tcwv1[k] obviously
```

```
endfor
```

```
endfor
```

It probably is very bad programming hehe but right now the copy/paste of names is killing me

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...

Sorry for the newbiness of it all.
