
Subject: Re: turn a string value into variable name
Posted by [sher.astro](#) on Thu, 06 Dec 2012 09:55:17 GMT
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> Nick writes:

>

>> I am restoring over 100 .sav files and creating structures for
>> analysis. Each .sav represents a different scenario and ideally I
>> would like to name the created structure in sequential format (case1,
>> case2...casen).

>>

>> To pull the data in I am using a for loop (all .sav have identical
>> array names) and I'd like to use the counter to name the variable. Is
>> it possible to turn a string into a variable name?

>

> The EXECUTE command can do this:

>

```
> FOR j=0,n DO BEGIN
>   IF Execute('case' + String(j, Format='(I3.3)') + $
>     '= mysavedStruct') EQ 0 THEN $
>     Print, 'We have a failure to execute!'
>   ENDFOR
```

it's helpful. thanks a lot

>

> At one time there was a limit on the number of new
> variables that could be created this way inside an
> IDL program. I believe that limit has been removed.

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Coyote's Guide to IDL Programming (www.dfanning.com)

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
