Subject: Re: turn a string value into variable name
Posted by Nick[2] on Thu, 23 Oct 2008 23:04:53 GMT
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Thank you very much David!

Nick
On Oct 23, 4:56 pm, David Fanning <n...@dfanning.com> wrote:
> Nick writes:
>> I am restoring over 100 .sav files and creating structures for
>> analysis. Each .sav represents a differenct 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
>
> 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.")