
Subject: Re: Calling vectors in readcol from a string array?

Posted by [pslough93](#) on Mon, 08 Jul 2013 21:24:32 GMT

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On Monday, July 8, 2013 3:51:22 PM UTC-5, wlandsman wrote:

> On Monday, July 8, 2013 12:37:17 PM UTC-4, pslo...@gmail.com wrote:

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>
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>>
>
>> I have tried using the execute command (i.e. execute('readcol,' + spreadsheets[l] + ',' +
vectorname1[l] + ',' ...) but IDL returns an error when it encounters the additional quotes in the
format keyword.

>
>>
>
> I'm not sure I completely understand the question but here's a try.
>
>
>
> Use double quotes for the format keyword so it won't be confused with the single quotes used
for EXECUTE().

>
>
>
> While you should be able to use EXECUTE(), it might be better to use SCOPE_VARFETCH()
to create a new variable given its string name. The little program below prompts the user to
create a variable name, and then assigns the output of READCOL into that named variable.

>
>
>
> pro test
>
>
>
> ;Ask user to supply a variable name
>
> vectorname = "
>
> read,'Enter Vector name: ',vectorname
>
>
>
> ; Use READCOL to read into a temporary variable
>
> readcol,'test.dat',temp
>

```
>  
>  
> ;Assign temporary variable to user-supplied variable name  
>  
> (scope_varfetch(vectorname,/enter)) = temporary(temp)  
>  
>  
>  
> return  
>  
> end
```

Thanks for alerting me to the double quotes thing. Using execute now works as intended.
