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Subject: Re: Evaluate a string as a variable name  
Posted by [laurel](#) on Tue, 04 May 2010 14:48:28 GMT  
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Brilliant! Thanks so much.  
-Laurel

On May 3, 4:24 pm, mgalloy <mgal...@gmail.com> wrote:

> On 5/3/10 4:02 PM, laurel wrote:

>

>

>

>> I have a structure that has multiple name/value pairs, and I want to  
>> extract the value that corresponds with the name. However, I am only  
>> passing in a string of the name, not the structure.name, so I need a  
>> way to combine the two such that I am evaluating the string. It might  
>> be easier to explain with an example:

>

>> \*\*\*

>> ;create a simple structure

>> struct={name1:9, \$

>>       name2:5, \$

>>       name3:1}

>

>> ;variable that matches the part of the structure I want

>> x='name2'

>

>> ;create a string that if it were a variable, it would be part of the

>> structure, 'struct.name2'

>> y='struct+'.'+x

>

>> ;want to have z=5, or z=struct.name2 rather than z='struct.name2'

>> ;Here evaluate stands in for whatever I would do to make that happen

>> z=evaluate(y)

>> \*\*\*

>

>> Does anyone know how to make z equal to the value corresponding with

>> struct.name2?

>

> How about this:

>

> x = 'name2'

> struct = { name1:9, \$

>       name2:5, \$

>       name3:1 }

> names = tag\_names(struct)

> ind = where(strucase(x) eq names, count)

> if (count gt 0L) then z = struct.(ind[0])

>  
> Mike  
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