

## Re: Surprise in StrConv using vbProperCase

**Source:**

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.modulesdaovba/2004-11/0593.html>

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**From:** Gary Schuldt ([garyschuldt\\_at\\_comcast.net](mailto:garyschuldt_at_comcast.net))

**Date:** 11/09/04

Date: Tue, 9 Nov 2004 11:00:06 -0800

Thanks, Ken,

(Before posting, I searched for StrConv and proper case and vbProperCase and got no hits on any of them.)

Your code will capitalize the first letter of a string. The strings I have could consist of multiple words (they are cultivar names of plants, such as MacTavish's Sky Pencil), so the specs for StrConv using vbProperCase match what I need. (Unfortunately, it doesn't work as advertised.)

Because the cultivar often includes the cultivator's name, you could conceivably have Meyers-Briggs Delight.

The Int'l Rules for Botanical Nomenclature say each word in the cultivar name must be capitalized. There is no rule to cover the case when hyphens are present, so I will just have to trust the user to type the correct name in those cases.

I'm thinking of writing a StrCapitalize that will:

1. Do what your CapFirstLetter below does, but for each "word" in the string;
2. Assume/use a blank as a delimiter for words;
3. Squeeze out superfluous blanks (since they are so hard to detect visually).

My pseudocode would be something like:

1. Use Split(string into array of words using blank as delimiter);
2. (I'm not what sure Split does when it encounters two consecutive delimiters; does it yield an (extra) array element with a value of a zero-length string?)
3. Use your CapFirstLetter function on each element of the array
4. Use Join(the array back into a string using blank as delimiter).

I would display the result and tell the user if it's not yet correct (like intracaps needed for MacDonald and O'Hara and Barr-Mason) they can correct

it themselves.

What do you think?

Gary

"Ken Snell [MVP]" <kthsneisllis9@ncoomcastt.renaetl> wrote in message news:u793UemxEHA.2348@TK2MSFTNGP12.phx.gbl...

> *Try this (the behavior you note for StrConv is a commonly discussed issue here in the newsgroups):*

```
>  
> Public Function CapFirstLetter(strString As String) As String  
> Dim strLetter As String  
> strLetter = Left(strString, 1)  
> Select Case Asc(strLetter)  
> Case 97 To 122  
> strLetter = Chr(Asc(strLetter) - 32)  
> End Select  
> CapFirstLetter = strLetter & Mid(strString, 2)  
> End Function
```

> --

>

> *Ken Snell*

> *<MS ACCESS MVP>*

>

>

>

> *"Gary Schuldt" <garyschuldt@comcast.net> wrote in message*

> *news:%23Jk0epjxEHA.1452@TK2MSFTNGP11.phx.gbl...*

>> *VBA Help says using the vbProperCase option in the StrConv function*

> *converts*

>> *the first letter of every word to uppercase.*

>>

>> *The surprise is that it converts all other characters to lower case!*

>>

>> *This is an \*unpleasant\* surprise in my application, because it changes*

>> *"O'Malley" to "O'malley", which I don't want.*

>>

>> *I just want a function to capitalize the first letter of each word and*

> *leave*

>> *the other letters alone. Anyone know of such a function so I don't have*

> *to*

>> *code it myself?*

>>

>> *Gary*

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