

How can I convert strings to proper case using VBA?

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Converting strings to proper case using VBA (Visual Basic for Applications) is a process that allows for the standardization of text by capitalizing the first letter of each word while making all other letters lowercase. This can be achieved by utilizing built-in VBA functions such as "StrConv" or "UCase" and specifying the appropriate case type. This can be particularly useful in data manipulation and formatting tasks, ensuring consistency and readability in large datasets. By implementing the proper case conversion in VBA, users can efficiently and accurately convert strings to proper case and improve the overall quality and professionalism of their data.

Convert Strings to Proper Case Using VBA

A string is in proper case if the first letter of each word in the string is capitalized and every other letter in each word is lower case.

You can use the following syntax in VBA to convert a range of cells with strings to proper case:

```
Sub ConvertToProperCase()
```

```
Dim i As Integer
```

```
For i = 2 To 10
```

```
Range("B" & i) = StrConv(Range("A" & i),  
vbProperCase)
```

```
Next i
```

```
End Sub
```

This particular example will convert each string in the range A2:A10 to proper case and display the results in the range B2:B10.

The following example shows how to use this syntax in practice.

Example: Convert Strings to Proper Case Using VBA

Suppose we have the following column of strings in Excel:

	A	B	C	D	E
1	String				
2	turtle				
3	cool elephant				
4	fast CHEETAH				
5	SLOW pig				
6	Tall giraffe				
7	heavy hippo				
8	Ostrich				
9	a cool snail				
10	monkey				
11					
12					
13					
14					
15					
16					
17					

Suppose we would like to convert each string in column

A to proper case and display the results in column B:

We can create the following macro to do so:

```
Sub ConvertToProperCase()
```

```
Dim i As Integer
```

```
For i = 2 To 10
```

```
Range("B" & i) = StrConv(Range("A" & i),  
vbProperCase)
```

```
Next i
```

```
End Sub
```

When we run this macro, we receive the following output:

	A	B	C	D	E
1	String	Proper Case			
2	turtle	Turtle			
3	cool elephant	Cool Elephant			
4	fast CHEETAH	Fast Cheetah			
5	SLOW pig	Slow Pig			
6	Tall giraffe	Tall Giraffe			
7	heavy hippo	Heavy Hippo			
8	Ostrich	Ostrich			
9	a cool snail	A Cool Snail			
10	monkey	Monkey			
11					
12					
13					
14					
15					
16					
17					
18					

Column B displays each string in column A in proper case.

Note: You can find the complete documentation for the StrConv function in VBA .