

Re: Apply LEN result to string?

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2005-08/msg03582.html>

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 - *Date:* Tue, 9 Aug 2005 11:46:24 -0700
-

If the end result is to strip the extension off a filename then you could do several things.

- 1) If you wish to pass the length of the extension try this:
(this assumes you include the . in the length so for .xla you would pass 4)

```
Public Function RemoveExtension(ByVal FileName As String, ByVal  
ExtensionLength As Integer) As String  
If Len(FileName) >= ExtensionLength Then  
RemoveExtension = Left(FileName, Len(FileName) - ExtensionLength)  
Else  
'Not enough characters in filename  
'return unmodified  
RemoveExtension = FileName  
End If  
End Function
```

- 2) if you assume the extension is .something then this approach will work:

```
Public Function RemoveExtension(ByVal FileName As String) As String  
Dim DotPosition As Long  
DotPosition = InStrRev(FileName, ".")  
If DotPosition > 0 Then  
RemoveExtension = Left(FileName, DotPosition - 1)  
Else  
'No extension to remove  
RemoveExtension = FileName  
End If  
End Function
```

- 3) and lastly, the really lazy way:
(for this you will need a reference to Microsoft Scripting Runtime scrrun.dll)

```
Public Function RemoveExtension(ByVal FileName As String) As String  
Dim FSO As FileSystemObject  
Set FSO = New FileSystemObject  
RemoveExtension = FSO.GetBaseName(FileName)  
Set FSO = Nothing
```

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End Function

"RAP" wrote:

> Hello, Bob
>
> As I re-read my entry, I can see how unclear it really was. My apologies.
> What I am trying to do is: put into VB script what I can do using worksheet
> functions in cells. This is my method of learning VB on an "as needed"
> basis. School is scheduled, but I need to "make do" until then. Many thanks
> for all input from members of this discussion group. My "on-line" time is
> limited where I am currently located, so I can only search & read this
> discussion group for a short time.
>
> What I am currently doing is:
> 1. Using VB to fetch the filename and placing it in cell B1.,
> 2. Counting the filename characters using " LEN(B1) placed in D1. , (12 in
> this case)
> 3. Cell D2 is assigned the number 4, which equals the number of characters
> that make up the ".xls" portion of the filename I want to remove.,
> 4. In cell D3 I have the formula: "=D1-D2" (12-4=8).,
> 5. Cell D2 has the formula: "=LEFT(B1,(D1-D2))", which returns the filename,
> minus the file extension.
>
> I am linking cell D2 to a chart title. I'm building a template file that is
> going to be duplicated approximately 30 times, and I am attempting to use
> good programming techniques to minimize "hard-coding" various aspects of the
> template.
>
> Re-stated, now with more info, my question is how to achieve the same
> results using VB only. I believe I have the solution worked out, except that
> I am having difficulty using variables in the VB equivalent to the formula
> used in Step 4.
>
> Hope this helps. Thanks for the input. The link you sent will be read
> thoroughly.
> Randy
>
> "Bob Phillips" wrote:
>
>> Maybe not be understanding, but take a look at
>> <http://www.xldynamic.com/source/xld.xlFAQ0002.html>
>>
>> --
>> HTH
>>
>> Bob Phillips
>>
>> "RAP" <RAP@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> news:ABC1425F-6B26-4D73-A1F8-96076EB011AF@xxxxxxxxxxxxxxxxxxxx

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>>> Using LEFT formula and LEN result, I need to apply the result (8) in a new
>>> LEFT statement and display the results in a cell.
>>>
>>> I am getting the filename, removing the file extension, and want to apply
>>> the formula result (which = # characters to display from original
>> filename),
>>> and display in a new cell.
>>>
>>> How can I apply my variables in a new LEFT statement?
>>> Thanks,
>>> Randy
>>
>>
>>
.

• *Follow-Ups:*

- ◆ [Re: Apply LEN result to string?](#)
◇ From: RAP

• *References:*

- ◆ [Apply LEN result to string?](#)
◇ From: RAP
- ◆ [Re: Apply LEN result to string?](#)
◇ From: Bob Phillips
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