

Re: Using public members of a class inside the class

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<http://www.tech-archive.net/Archive/Word/microsoft.public.word.vba.beginners/2006-11/msg00074.html>

- *From:* "Jezebel" <warcimes@xxxxxxxxxxxxxxxx>
 - *Date:* Fri, 24 Nov 2006 10:47:13 +1100
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You're right about functions and properties being to some extent a matter of preference; but there is an important conceptual difference in object-oriented programming (which is what you are doing with VBA).

Properties are values, derived by calculation perhaps, but essentially static. They can be set as well as read (unless you choose to make the read-or write-only). When you query a property, you are asking for some information about the thing that has that property. In your example, `GetTextFromRange` isn't a property of anything (and it would make no difference where you put the function); nor would it make any sense to **set** the `GetTextFromRange` property.

Functions are methods. They are an instruction to **do** something. If the something is to perform a calculation, then the effect is -- as you observe -- essentially the same as a property.

Consider the objects of Word itself. If you look at the documentation, each object has properties and methods. The methods are coded as functions.

"Guillermo López-Anglada" <guillermo@xx> wrote in message news:OTTqtI1DHHA.3596@xx

I mainly used the "me" qualifier for clarity, but actually it would seem that it saves you some typing as well in the IDE...

I have no formal training in programming, but isn't the difference between functions and properties a matter of preference to a certain extent? I mean, in my particular case, my property *always* retrieves its value from the same range... Anyway, I'd very much like to hear any brief explanation on the topic.

Thanks,

Re: Using public members of a class inside the class

Guillermo

Jezebel wrote:

No reason why not. It's even fairly common: you have some standard function that you use throughout the app; it's just as useful from within the module as elsewhere; and for consistency's sake it's better, as far as possible, always to use the same method.

You don't need the 'me', BTW. And your example looks more like a function than a property.

"Guillermo López-Anglada"
<guillermo@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote
in message news:uaGfHM0DHHA.4144@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello,

I have a class like this:

```
'Class module
```

```
Public Property Get GetTextFromRange() as String  
'Code  
End Property
```

```
Public Function ProcessText() as String
```

```
'For example:  
ProcessText = Left$(Me.GetTextFromRange,5)
```

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End Sub
'End of Class module

Is it a good practice to use public members of a class like that?

Regards,

Guillermo