

Re: VLOOKUP and VBA

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2006-08/msg00828.html>

- *From:* "John" <JohnSickOfSpam@xxxxxxx>
 - *Date:* Fri, 4 Aug 2006 19:06:32 +0100
-

Perfect explanation. Thanks for your time Dave.

Best regards

John

"Dave Peterson" <petersod@xxxxxxxxxxxxxxxxxxxx> wrote in message news:44D38A65.19E2E16@xxxxxxxxxxxxxxxxxxxx

.worksheetfunction syntax was added in xl97 (IIRC).

But Excel/VBA still supports lots of stuff from xl95 and before.

But there is a difference in the way they behave.

application.vlookup() will return an error that you can check:

```
dim myVal as Variant 'could be an error
myval = application.vlookup(...)
if iserror(myval) then
'same as #n/a
else
'found it
end if
```

On the other hand, application.worksheetfunction.vlookup() will cause a trappable error.

```
Dim myVal as Variant 'or string or long or double ...
```

```
on error resume next
myval = application.worksheetfunction.vlookup(...)
if error.number <> 0 then
'same as #n/a
else
'found it
end if
```

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on error goto 0

=====

I find the application.vlookup() easier to use.

John wrote:

Hi Dave,

I'm sure you're right, but what's the reason for .worksheetfunction not being needed? Is it a default somehow?

Best regards

John

"Dave Peterson" <petersod@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:44D36AE1.94A6C504@xxxxxxxxxxxxxxxxxxxxxxxx

You don't need the .worksheetfunction in your code.

Can you get a formula similar to this working in excel?

=vlookup("something",Statics_Query_from_MS_Access_Database,
2,false)

(I like Bernie's suggestion.)

Barb Reinhardt wrote:

I'm not sure what I need. That's why I'm asking. Defining what I'd call a constant based on data in the workbook is new to me.

"John" wrote:

Hi Barb,

Do you need the
WorksheetFunction object
in there?

ie

"Application.WorksheetFunction.VLookup(....."

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Best regards

John

"Barb Reinhardt"

<BarbReinhardt@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

message

news:DCCE6000-C933-499E-BD5E-3FA8101C35BA@xxxxxxxxxxxxxxxxxxxx

I thought I
posted this,
but I can't
find it now
so it's
possible
it
never
was posted.
If it's a
duplicate,
my
apologies.

I have the
following
equation
that's not
working
and I'm not
sure
why

```
CompanyID  
=  
Application.VLookup(Target,  
Range("Statics  
Query_from_MS_Access_Database"),  
2, False)
```

I get
runtime
error 1004.
Method
'range' of
object
'_worksheet'
failed

I have a

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named
range of
Query ... on
the Statics
worksheet.

Thanks,
Barb
Reinhardt

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Dave Peterson

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Dave Peterson