

Re: referencing ranges using R1C1 format

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2005-07/msg02731.html>

- *From:* Dave Peterson <petersod@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 08 Jul 2005 16:59:36 -0500
-

There are even potential problems with this—depending on where the code is:

I put this in the module for Sheet1:

```
Option Explicit
Sub testme()
Dim baseRng As Range
Dim rng As Range
Set baseRng = Worksheets("sheet2").Range("A1")
Set rng = Range(baseRng(1, 1), baseRng(2, 2))
End Sub
```

I got an error with that last "set rng = Range(baseRng(1, 1), baseRng(2, 2))" statement.

If I changed it to:

```
Set rng = Application.Range(baseRng(1, 1), baseRng(2, 2))
```

It worked fine.

I bet it's because that unqualified range() is still looking at the sheet that owns the code.

Alan Beban wrote:

- >
- > Dave Peterson wrote:
- >> The only trouble I've had with that syntax is when I don't qualify the ranges.
- >
- > One can avoid the qualification problem with
- >
- > Set baseRng = ActiveSheet.Range("A1")
- > Set rng=Range(baseRng(1,1),baseRng(2,2))
- >
- > You can refer to a single cell with, e.g., baseRng(2,2)

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>
> Alan Beban
>>
>> I like:
>>
>> dim rng as range
>> with activesheet 'worksheets("sheet1")
>> set rng = .range(.cells(1,1),.cells(2,2))
>> end with
>>
>> And I could refer to a single cell using your example—but I wouldn't.
>>
>>
>>
>> pwermoth wrote:
>>
>>> Thank you, but the
>>>
>>> Range(Cells(1,1),Cells(2,2)) syntax never works for me. I always get
>>> runtime errors. Are there some limitations I need to be aware of? For
>>> example, can I not refer to a single cell (i.e. Range(Cells(2,2),
>>> Cells(2,2))) using this syntax?
>>>
>>>--
>>>pwermoth
>>>-----
>>>pwermoth's Profile: <http://www.excelforum.com/member.php?action=getinfo&userid=24997>
>>>View this thread: <http://www.excelforum.com/showthread.php?threadid=385424>
>>
>>
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Dave Peterson
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- **Follow-Ups:**
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◇ From: Alan Beban

 - **References:**
 - ◆ **referencing ranges using R1C1 format**
◇ From: pwermoth
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