

# Re: Excel Chart Macro Issue

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*Source:*

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2008-01/msg03770.html>

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- *From:* whitethomas12@xxxxxxxx
  - *Date:* Mon, 21 Jan 2008 16:47:36 -0800 (PST)
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On Jan 21, 1:01 pm, "Jon Peltier" <jonxlmv...@xxxxxxxxxxxxxxxxxxxxxx>  
wrote:

Post on top, so it's easier to read the thread in sequence.

How can have my macro split the vairable  
into something less and then join it into one  
large string at the end

If the issue is string length, why would forming a large string at the end  
be better than at the beginning?

You should strive to use contiguous ranges as your chart's source data.  
Sometimes this means setting up a summary range that the chart uses.

– Jon

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Jon Peltier, Microsoft Excel MVP  
Tutorials and Custom Solutions  
Peltier Technical Services, Inc. –<http://PeltierTech.com>

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<whitethoma...@xxxxxxxx> wrote in message

[news:8d3e24da-5d07-485c-b5df-25444623c2f6@xx](mailto:news:8d3e24da-5d07-485c-b5df-25444623c2f6@xx)

On Jan 21, 11:55 am, "Keith R" <ker...@xxxxxxxxxxxxxxxx> wrote:

Have you tested to see if it is a string length issue? E.g., if you rename  
your sheet Empl\_Hrs and shorten your strings below, does that fix the  
problem?

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Keith

however, your code ends with<whitethoma...@xxxxxxxx> wrote in message

[news:9a173072-48d2-4eea-acef-d9fa9c7ea9cf@xx](mailto:news:9a173072-48d2-4eea-acef-d9fa9c7ea9cf@xx)

OK, I have an interesting issue. For the most part my macro seems to work for creating and updating charts dynamically. But I am running into an issue. If the chart data gets too large then it drops some of the selections and errors out.

The following is a string in my macro for the series collection:

X =  
"=Employee\_Hours!R652C1,Employee\_Hours!R655C1,Employee\_Hours!R660C1,Employee\_Hours!R667C1,Employee\_Hours!R670C1,Employee\_Hours!R673C1,Employee\_Hours!R676C1,Employee\_Hours!R679C1,Employee\_Hours!R682C1,Employee\_Hours!R685C1,Employee\_Hours!R688C1"

Y =  
"=Employee\_Hours!R653C4,Employee\_Hours!R656C4,Employee\_Hours!R661C4,Employee\_Hours!R668C4,Employee\_Hours!R671C4,Employee\_Hours!R674C4,Employee\_Hours!R677C4,Employee\_Hours!R680C4,Employee\_Hours!R683C4,Employee\_Hours!R686C4,Employee\_Hours!R689C4"

This shows correctly when I debug it, but I get an error. If I resume next and ignore the error and view the chart source I get the following:

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```
Y =  
=Employee_Hours!$D$653,Employee_Hours!$D$656,Employee_Hours!$D  
$661,Employee_Hours!$D$668,Employee_Hours!$D$671,Employee_Hours!$D  
$674,Employee_Hours!$D$677,Employee_Hours!$D$680,Employee_Hours!$D  
$683,Employee_Hours!$D$686 Employee_Hours!
```

```
X =  
=Employee_Hours!$A$652,Employee_Hours!$A$655,Employee_Hours!$A  
$660,Employee_Hours!$A$667,Employee_Hours!$A$670,Employee_Hours!$A  
$673,Employee_Hours!$A$676,Employee_Hours!$A$679,Employee_Hours!$A  
$682,Employee_Hours!$A$685 Employee_Hours!
```

The issue for some odd reason or another is the last part of these entries. They are missing part of the string (It is missing the comma and the last selection).

It does not happen on all of the employee data when I select them. I am not sure what is happening being that if I modify the chart selection and fix it manually it will display correctly

Can someone help me understand why this is happening–  
Hide quoted text –

– Show quoted text –

I just tried that, and that seems to be my issue. How can have my macro split the vairable into something less and then join it into one large string at the end

Here is my current code:

```
Dim rDataX As Range  
Dim rDataY As Range  
Dim wsData As Worksheet
```

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```
Dim sAddressX As String
Dim sAddressY As String
Dim iArea As Long
Dim cName As String
Dim scName As String
Dim rgA1 As String
Dim rgA2 As String
Dim rgD1 As String
Dim rgD2 As String
Dim rngTotal As String
Dim cDataX As String
Dim cDataY As String
Application.ScreenUpdating = False
rgA1 = ""
rgD1 = ""
rgA2 = ""
rgD2 = ""
rngTotal = ""
cDataX = ""
cDataY = ""
Application.Worksheets("Employee_Charts").Activate

cName = Range("B3").Value
Sheets("Empl_Hrs").Select
Range("A2").Select

Do While ActiveCell.Value <> "" Or _
  ActiveCell.Offset(0, 1).Value <> ""
  scName = ActiveCell.Value
  If UCase(scName) = UCase(cName) Then
    ActiveCell.Offset(1, 0).Select
    rgA1 = ActiveCell.Row
    rgD1 = ActiveCell.Row
    Do While ActiveCell.Offset(0, 1).Value <> ""
      If ActiveCell.Offset(0, 1).Value = "Total Hours" Then
        If Not cDataX <> "" Then
          cDataX = "A" & ActiveCell.Offset(-1, 0).Row
        Else
          cDataX = cDataX & "," & "A" & ActiveCell.Offset(-1, 0).Row
        End If
      If Not cDataY <> "" Then
        cDataY = "D" & ActiveCell.Row
      Else
        cDataY = cDataY & "," & "D" & ActiveCell.Row
      End If
    End If
    If ActiveCell.Offset(0, 1).Value = "Total Working Hours" Then
      rgA2 = ActiveCell.Offset(-2, 0).Row
      rgD2 = ActiveCell.Offset(-2, 0).Row
    End If
  ActiveCell.Offset(1, 0).Select
```

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```
Loop
End If
ActiveCell.Offset(1, 0).Select
Loop
If Not cDataX <> "" Then
Sheets("Employee_Charts").Select
MsgBox "No Data Found." & Chr(10) & "Have a Nice Day!",
vbInformation

Exit Sub
End If
rgA1 = "A" & rgA1 & ":" & "A" & rgA2
rgD1 = "C" & rgD1 & ":" & "C" & rgD2
rngTotal = rgA1 & "," & rgD1
Sheets("Employee_Charts").Select
Set wsData = Worksheets("Empl_Hrs")
Set rDataX = wsData.Range(cDataX)
Set rDataY = wsData.Range(cDataY)

For iArea = 1 To rDataX.Areas.Count
sAddressX = sAddressX & wsData.Name & "!"
sAddressX = sAddressX & rDataX.Areas(iArea).Address(, , xlR1C1) &
","
Next
sAddressX = "=" & Left(sAddressX, Len(sAddressX) - 1)

For iArea = 1 To rDataY.Areas.Count
sAddressY = sAddressY & wsData.Name & "!"
sAddressY = sAddressY & rDataY.Areas(iArea).Address(, , xlR1C1) &
","
Next
sAddressY = "=" & Left(sAddressY, Len(sAddressY) - 1)

ActiveSheet.ChartObjects.Select
ActiveChart.ChartTitle.Text = cName & Chr(10) & "Working Hours
Summary Report"
ActiveChart.SeriesCollection(1).Delete
ActiveChart.SeriesCollection.NewSeries
ActiveChart.SeriesCollection(1).XValues = sAddressX
ActiveChart.SeriesCollection(1).Values = sAddressY
On Error Resume Next
ActiveChart.SeriesCollection(1).Name = "=Empl_Hrs!R1C3"
Dim Thomas As String
Thomas = "hi"

Range("B3").Select
Application.ScreenUpdating = True– Hide quoted text –

– Show quoted text –
```

Re: Excel Chart Macro Issue

How I redesign my macro to collect smaller amounts of data and then join them at the end. The issue that I face is that the managers like the format that they currently have and I do not have a choice of making the data continuous.

Thank you for all of your help