

## Re: Excel; Join records question?

**Source:** <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel/2004-11/0517.html>

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**From:** Dave Peterson ([ec35720\\_at\\_netscape.com](mailto:ec35720_at_netscape.com))

**Date:** 11/06/04

Date: Sat, 06 Nov 2004 05:14:25 -0600

David's original code kept track of column A (the key column) and built a string based on the data column (column B).

Since you want to keep 4 additional columns, the code needs to keep track of them. Then it can paste them into the new worksheet. I used a variable named columnAtoD to hold these values.

```
Option Explicit
Sub JoinCodes()
'David McRitchie http://www.mvps.org/dmccritchie/excel/excel.htm
' 2002-09-12
'and some slight modifications 2004-11-06
Dim wsSource As Worksheet
Dim wsNew As Worksheet
Dim xArg As String, xStr As String, nRow As Long
Dim cell As Range
Dim ColumnAtoDHolder As Variant
Set wsSource = ActiveSheet
Set wsNew = Worksheets.Add
Application.ScreenUpdating = False
Application.Calculation = xlCalculationManual
Application.DisplayAlerts = False
nRow = -1
For Each cell In wsSource.Columns(5) _
    .SpecialCells(xlConstants)
If nRow = -1 Then
nRow = nRow + 1
xArg = Trim(cell.Value)
xStr = cell.Offset(0, 1).Value
ColumnAtoDHolder = cell.Offset(0, -4).Resize(1, 4).Value
ElseIf xArg = cell.Value Then
If Trim(cell.Offset(0, 1)) <> "" Then _
xStr = xStr & ", " & Trim(cell.Offset(0, 1))
Else
nRow = nRow + 1
wsNew.Cells(nRow, 1).Resize(1, 4).Value _
= Application.Index(ColumnAtoDHolder, 1, 0)
wsNew.Cells(nRow, 5) = xArg
```

```
wsNew.Cells(nRow, 6) = xStr
xArg = Trim(cell.Value)
xStr = Trim(cell.Offset(0, 1).Value)
End If
Next cell
nRow = nRow + 1
wsNew.Cells(nRow, 1).Resize(1, 4).Value _
    = Application.Index(ColumnAtoDHolder, 1, 0)
wsNew.Cells(nRow, 5) = xArg
wsNew.Cells(nRow, 6) = xStr
done:
Cells.Select
Cells.EntireColumn.AutoFit
Application.Calculation = xlCalculationAutomatic
Application.ScreenUpdating = True 'place at end when debugged
Application.DisplayAlerts = True
End Sub
```

tenshi wrote:

```
>
> Thanks David!
>
> You script "joincode.txt" seems to be working for me. In the actual
> data I will be using, I have 6 columns, where the first 4 are
> identical. The complete data looks as below example.
> Hope you will be able to help me out.
> Again thanks for your help.
>
> Regards,
> Moeller
>
> INPUT:
> A B C D E F
> Xxx West zzz TX 68319837810 CL
> Xxx West zzz TX 68319837810 WD
> Xxx West zzz TX 68319837810 WE
> Xxx West qqq CA 68320010300 CE
> Xxx West qqq CA 68320010300 CL
> Xxx West qqq CA 68320010300 TE
> Xxx West qqq AZ 68320011050 TE
> Xxx West qqq TX 68320011270 TE
> Xxx West aaa CA 68320011280 OT
> Xxx West aaa CA 68320011280 SH
> Xxx West aaa NV 68320012190 CE
> Xxx West zzz NV 68320012260 OT
> Xxx West zzz NV 68320012260 SH
>
> DESIRED OUTPUT:
> A B C D E F
> Xxx West zzz TX 68319837810 CL, WD, WE
> Xxx West qqq CA 68320010300 CE, CL, TE
```

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> Xxx West qqz AZ 68320011050 TE  
> Xxx West qqz TX 68320011270 TE  
> Xxx West aaa CA 68320011280 OT, SH  
> Xxx West aaa NV 68320012190 CE  
> Xxx West zzz NV 68320012260 OT, SH  
>  
> On Sat, 6 Nov 2004 00:16:30 -0500, "David McRitchie"  
> <dmcritchie@msn.com> wrote:  
>  
>> *Joining Codes in Column B to a Product in Column A (#joining)*  
>> <http://www.mvps.org/dmcritchie/excel/code/snakecol.htm#joining>  
>>  
>> *JOINCODE macro creates a new sheet. Macro joins Column B*  
>> *to a Product in Column A. Coding can be found at*  
>> <http://www.mvps.org/dmcritchie/excel/code/joincode.txt>  
>>  
>> ----  
>> HTH,  
>> David McRitchie, Microsoft MVP - Excel [site changed Nov. 2001]  
>> My Excel Pages: <http://www.mvps.org/dmcritchie/excel/excel.htm>  
>> Search Page: <http://www.mvps.org/dmcritchie/excel/search.htm>  
>>  
>> "tenshi" <mm@mm.org> wrote in message news:7adoo01rdhjdibu7dgij45p9uc2hnoighp@4ax.com...  
>>> Hello,  
>>>  
>>> *Can somebody please help me to get an output like the below.*  
>>> *If COL A has two identical rows, but with a different value in COL B, I*  
>>> *would like to have the value of COL B joined as shown in the below*  
>>> *OUTPUT example.*  
>>>  
>>>  
>>> *INPUT:*  
>>> A B  
>>> 68319438890 DD  
>>> 68319438890 TE  
>>> 68319439020 TE  
>>> 68319439060 FE  
>>> 68319439080 TE  
>>> 68319439100 TE  
>>> 68319439190 OT  
>>> 68319439190 SH  
>>>  
>>>  
>>> *DESIRED OUTPUT:*  
>>> A B  
>>> 68319438890 DD, TE  
>>> 68319439020 TE  
>>> 68319439060 FE  
>>> 68319439080 TE  
>>> 68319439100 TE  
>>> 68319439190 OT, SH

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> >>  
> >>  
> >> *Regards,*  
> >>  
> >>  
> >

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Dave Peterson  
ec35720@netscape.com