

Re: Table of cells contains comingled text (A,B,C,1,2,3)-formatted

Source:

<http://www.tech-archive.net/Archive/Access/microsoft.public.access.gettingstarted/2004-10/0154.html>

From: WIM4246 (WIM4246_at_discussions.microsoft.com)

Date: 10/02/04

Date: Sat, 2 Oct 2004 13:43:06 -0700

"John Nurick" wrote:

> Yes, though you'll need to call a custom VBA function in a query. Access
> – like all relational databases, is optimised to work with data in which
> each field contains a single value, not multiple values as here.
>
> Paste this function into a new module in your database:
>
> *Public Function CountOccurencesInDelimString(_*
> *Target As Variant, _*
> *CharToCount As String, _*
> *Delimiter As String) As Long*
>
> *'Counts the number of times CharToCount*
> *'appears in Target, assuming that Target*
> *'is a string divided into fields by the*
> *'single character Delimiter.*
> *'e.g. if Target is "1,2,1,3,4"*
> *' CharToCount is "1"*
> *'and Delimiter is ","*
> *'the function returns 2.*
>
> *Dim Items As Variant*
> *Dim j As Long*
> *Dim Acc As Long*
>
> *If IsNull(Target) Then*
> *CountOccurencesInDelimString = 0*
> *Exit Function*
> *End If*
>
> *Items = Split(Target, Delimiter)*
> *For j = 0 To UBound(Items)*
> *If Items(j) = CharToCount Then Acc = Acc + 1*

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> Next
>
> *CountOccurencesInDelimString = Acc*
> *End Function*
>
>
> *Then create a Totals query which calls the function and sums the result,*
> *using a separate calculated field for each of the items you want to*
> *total (A,B,1,3). Each of these fields will look like this in the query*
> *design grid, where Num_1 is the name of the calculated field with the*
> *number of "1"s and FieldName is the name of the actual field in the*
> *table:*
>
> *Num_1: Sum(CountOccurencesInDelimString([FieldName],"1",","))*
>
> *The SQL view of the query will be like this:*
>
> *SELECT*
> *SUM(CountOccurencesInDelimString([NumberTxt], "1", ",")) AS Num_1,*
> *SUM(CountOccurencesInDelimString([NumberTxt], "3", ",")) AS Num_3,*
> *SUM(CountOccurencesInDelimString([NumberTxt], "A", ",")) AS Num_A,*
> *SUM(CountOccurencesInDelimString([NumberTxt], "B", ",")) AS Num_B*
> *FROM tblMyTable*
> ;
>
> *If there are many records in the table this may take a minute or so to*
> *run.*
>
>
> *On Sat, 2 Oct 2004 07:37:01 -0700, "WIM4246"*
> *<WIM4246@discussions.microsoft.com> wrote:*
>
> *>Have a "Log sheet" of digital photo file numbers which has a column formatted*
> *>as text with alpha & numerical (formatted as text) entries to designate the*
> *>printing instructions for each file.*
> >
> *>So a cell may contain a single entry as "A" or "C" or "1" or "5" etc. or it*
> *>could contain multiple combintations as "B,3" or "D,1,1" which give the lab*
> *>instructions on what to print and how many of each unit to print.*
> >
> *>Need to total the number of "A" or "B" or "1" or "3" entries that occur in*
> *>the "Log" table. Can this be done?*
>
> --
> *John Nurick [Microsoft Access MVP]*
>
> *Please respond in the newgroup and not by email.*

THANKS! & SUCH A SPEEDY REPLY – I'm a Newbie to using these user groups and Excel – but this looks like it will work – it will be late tonight before I get to implement these details, but it looks like the right answer – Thanks

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for the HELP.

Wayne M

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