

Re: Extracting from string

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2008-03/msg02677.html>

- *From:* eliano <falinieliano@xxxxxxxxxxxxx>
 - *Date:* Tue, 18 Mar 2008 20:44:27 -0700 (PDT)
-

Hi Phil.

Awaiting Mr. Gary, you can try:

```
Sub SeparaAnagrafe()  
Dim Riga, Uriga, I  
Dim Nome, Pos, XA1, XA2  
Riga = 1  
Uriga = Cells(Riga, 1).End(xlDown).Row  
For I = Riga To Uriga  
Nome = Cells(I, 1)  
Pos = InStrRev(Nome, " ")  
XA1 = Left(Nome, Pos - 1)  
XA2 = Mid(Nome, Pos + 1)  
Cells(I, 2) = XA1  
Cells(I, 3) = XA2  
Cells(I, 4) = XA2 & " " & XA1  
Next  
End Sub
```

You can test the macro using: Di Maggio Joe in A1 and De Curtis Antonio in A2 and vary the sub in accordance with what you want.
Saluti
Eliano

On 18 Mar, 21:26, Phil Trumpy <PhilTru...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Gary's Student – the trim function took care of it wonderfully. Now I just have to figure out how to handle last names with a space in them. I think I should be able to figure that out. Thank you again.

"Phil Trumpy" wrote:

Thanks again. I should have thought of that. I'll add that at the beginning of the macro and give it another shot.

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"Gary"s Student" wrote:

I was able to duplicate your problem with the "Alou" record.

There is an extra space after NYM.

You can use the TRIM() function in the worksheet to remove these little pests.

—
Gary"s Student – gsnu200774

"Phil Trumpy" wrote:

Thank you very much. This works almost perfectly. However, there seem to be a few records that did not get extracted correctly. Also, I did not account for a LastName that could have a space in it (De Aza in this case). Here is an example of one of the records that didn't seem to work:

Before
Col A
Alou, Moises RF NYM

After
Col A Col B Col C Col D
Alou Moises RF NYM

Any ideas?

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"Gary"s Student" wrote:

This macro assumes that the fields are separated by a single space.. The macro does the equivalent to Text-to-Columns. It splits the data up into either 5 or 4 parts.

If there are only four parts, then the middle initial is missing and the data is placed into positions 1,2,4,5.

If there are five parts, then the middle initial is present and the data is placed into positions 1,2,3,4,5:

```
Sub SplitUm()  
Sheets("Sheet1").Activate  
Set w2 = Sheets("Sheet2")  
n = Cells(Rows.Count,  
1).End(xlUp).Row  
For i = 1 To n  
    s = Split(Cells(i,  
1).Value)  
    u = UBound(s) + 1  
    w2.Cells(i, 1).Value =  
Replace(s(0), ",", "")  
    w2.Cells(i, 2).Value =  
s(1)  
    w2.Cells(i, 5) = s(u - 1)  
    w2.Cells(i, 4) = s(u - 2)  
    If u = 5 Then  
        w2.Cells(i, 3) = s(2)  
    End If  
Next  
End Sub
```

Re: Extracting from string

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Gary's Student –
gsnu200774

"Phil Trumpy" wrote:

I'm using
Excel 2007
– Data is in
column A

I have a
data set that
I am trying
to import.
The first
column
really
should be 5
separate
columns,
but has been
created as
one string..
I need to
separate
into 5
columns.
the data
looks like
this:

LastName,
FirstName
MI.
Position
Team

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LastName
and
FirstName
can be
unlimited
characters
MI can be 1
or 2
characters
followed by
a period
Position is 1
or 2
characters
Team is 3
characters

I attempted
to use Text
to Columns,
but the
problem is
that the
middle
initial does
not always
exist. If I
can get the
middle
initial to a
separate
column, I
can use text
to columns
for the rest.
I would
prefer to
just run
one macro
to take care
of the whole
thing since I
will have a
different
file
each year
that has the
same data
structure.

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Sorry if I
didn't
provide
enough
info.

Thanks in
advance.–
Nascondi
testo tra
virgolette –

– Mostra testo tra virgolette –