

microsoft.public.excel.programming: Re: A repost – Permuting SPACES within a String of words

Re: A repost – Permuting SPACES within a String of words

Source: <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2005-02/1537.html>

From: ole Michelsen (*imom_at_pop.dtu.dk*)

Date: 02/03/05

Date: Thu, 3 Feb 2005 16:25:03 +0100

You should use the split function to separate the words.

```
array=split(string, " ")
```

Then you should check for empty cells array

```
array(n)=""
```

Use ubound to find out how many cells your array contains

Then you can construc your permutations by concatenating the words

```
newstring= array(0) & " " & array(1) & .....
```

You should be able to do this by some looping codes

Ole Michelsen

"Hari Prasad" <excel_hariNOSPAM@hotmail.com> wrote in message
news:%23fAfeEgCFHA.444@TK2MSFTNGP09.phx.gbl...

> *Hi,*

>

> *I posted this problem around 3–4 days back.....I have tried to paraphrase
> the problem in a probably simpler way below.*

>

> *I want to generate permutations of a string made up of 2 or more words in
> such a way that I get outputs :*

>

> *a) where there is no space between any of the words in the string*

> *b) Where there is only one space between any 2 words in the string.*

> *c) where there is a single space between some of the letters in the string*

> *but rest words dont have any space between them. And do this process for
> all possible permutations.*

>

> *I have got solutions to a) and b) by swiping from previous posts. (Split
> array method)*

>

> *It's the c) which is..*

>

> *For example if I have a string in Cells(1,1) having the value -- I went
> to Paris --*

>

> *the answer for a) will be -- IwenttoParis --*

microsoft.public.excel.programming: Re: A repost – Permuting SPACES within a String of words

- > *the answer for b) will be -- I went to Paris -- Basically, b) will be same*
- > *as the original string.*
- >
- > *the answer(s) for c) would be*
- > *i) Iwentto Paris*
- > *ii) I wenttoParis*
- > *iii) Iwent toParis*
- > *iv) Iwent to Paris*
- > *v) I went toParis*
- > *vi) I wentto Paris*
- >
- > *Explanation – of part c) :*
- > *In parts i) and ii) 3 of the words in the string have been combined*
- > *together and the lone word is separated by a single space.*
- >
- > *In part iii) 2 sets of adjacent words have been combined together and*
- > *there is a single space between these 2 set.*
- >
- > *In parts iv), v) and vi) ONLY one set of adjacent words have been combined*
- > *together and there is a single space between any 2 words.*
- >
- > *How to effect the above combinations... in view of the fact that number of*
- > *words in the string (Cells(1,1)) would be variable.*
- >
- > *Thanks a lot,*
- > *Hari*
- > *India*
- >