

How do I search for a string from the right in Excel?

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In Microsoft Excel, users have the ability to search for a specific string of characters within a cell or range of cells. This can be done using the built-in "Find" function, but there may be times when the desired string is located on the right side of the cell. To search for a string from the right in Excel, users can use the "Find and Replace" feature and specify the direction of the search as "Search: By columns" in the "Options" menu. This will allow the user to locate the desired string from the right side of the cell, making it easier to find and manipulate data in Excel.

Excel: Search String from Right

You can use the following formula to search a string starting from the right in Excel:

```
=TRIM(RIGHT(SUBSTITUTE(A2, " ", REPT(" ", 100)), 100))
```

This particular formula finds the last word in the string in cell A2.

This formula works by substituting each individual space in the string with 100 spaces, then by returning the last 100 characters in the string with leading and trailing spaces removed.

The result is that this formula simply returns the last word in a string.

The following example shows how to use this formula in practice.

Example: How to Search String from Right in Excel

Suppose we have the following column of strings in Excel:

	A	B	C	D
1	Strings			
2	This is a fine afternoon			
3	What a great day			
4	This is a good team			
5	They play really well			
6	Let's have fun			
7	Cheers to the weekend			
8	What excellent weather			
9	This is awesome			
10	Here we go			
11	What a great athlete			
12	My favorite color is red			
13				
14				
15				
16				
17				
18				

We can type the following formula into cell B2 to find the last word in the string in cell A2:

```
=TRIM(RIGHT(SUBSTITUTE(A2, " ", REPT(" ", 100)), 100))
```

We can then click and drag this formula down to each

remaining cell in column B:

	A	B	C	D	E	F	G
1	Strings	Last Word					
2	This is a fine afternoon	afternoon					
3	What a great day	day					
4	This is a good team	team					
5	They play really well	well					
6	Let's have fun	fun					
7	Cheers to the weekend	weekend					
8	What excellent weather	weather					
9	This is awesome	awesome					
10	Here we go	go					
11	What a great athlete	athlete					
12	My favorite color is red	red					
13							
14							
15							
16							
17							
18							
19							

Column B displays the last word in each string in column A.

If your strings have a delimiter other than a space, you can simply specify that delimiter in the SUBSTITUTE function.

For example, suppose each of our strings had slashes instead of spaces as delimiters:

	A	B	C	D
1	Strings			
2	This/is/a/fine/afternoon			
3	What/a/great/day			
4	This/is/a/good/team			
5	They/play/really/well			
6	Let's/have/fun			
7	Cheers/to/the/weekend			
8	What/excellent/weather			
9	This/is/awesome			
10	Here/we/go			
11	What/a/great/athlete			
12	My/favorite/color/is/red			
13				
14				
15				
16				
17				
18				

=TRIM(RIGHT(SUBSTITUTE(A2, "/", REPT(" ", 100)), 100))

We can then click and drag this formula down to each remaining cell in column B:

	A	B	C	D	E	F	G
1	Strings	Last Word					
2	This/is/a/fine/afternoon	afternoon					
3	What/a/great/day	day					
4	This/is/a/good/team	team					
5	They/play/really/well	well					
6	Let's/have/fun	fun					
7	Cheers/to/the/weekend	weekend					
8	What/excellent/weather	weather					
9	This/is/awesome	awesome					
10	Here/we/go	go					
11	What/a/great/athlete	athlete					
12	My/favorite/color/is/red	red					
13							
14							
15							
16							
17							
18							

Column B displays the last word that follows the last slash in the strings in column A.

The following tutorials explain how to perform other common tasks in Excel: