

How do I use the `str_trim` function in R? Can you provide some examples?

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The `str_trim` function in R is used to remove leading and trailing whitespace from a string. This function is particularly useful when working with data that may contain unnecessary spaces, as it allows for a cleaner and more efficient manipulation of the data. To use the `str_trim` function, simply specify the string you wish to trim as the first argument, and the direction of the trim (either "both", "left", or "right") as the second argument. Additional options include the characters to be trimmed, as well as the encoding of the string. Below are some examples of using the `str_trim` function in R:

- `str_trim(" Hello World ")` would return `Hello World`
- `str_trim(" Hello World ", side = "left")` would return `Hello World "`
- `str_trim("Hello World", side = "right", chars = "ld")` would return `Hello Wor`
- `str_trim(" Hello World ", side = "both", chars = c("H", "d"))` would return `"ello Worl"`

Overall, the `str_trim` function is a useful tool for cleaning and manipulating string data in R.

Use `str_trim` in R (With Examples)

The `str_trim()` function from the `stringr` package in R can be used to trim whitespace from a string.

This function uses the following syntax:

```
str_trim(string, side = c("both", "left", "right"))
```

where:

string: Character vector
pattern: Side on which to remove whitespace

The following examples show how to use this function in practice

Example 1: Trim Whitespace from Left Side

The following code shows how to use the `str_trim()` function to trim whitespace from the left side of a string:

```
library(stringr)
```

```
#create string
```

```
my_string <- " Hey there everyone. "
```

```
#view string
```

```
my_string
```

```
" Hey there everyone. "
```

```
#create new string with white space removed from left
```

```
new_string <- str_trim(my_string, side="left")
```

```
#view new string
```

```
new_string
```

```
Hey there everyone. "
```

Notice that all of the whitespace on the left side of the string has been trimmed.

Example 2: Trim Whitespace from Right Side

The following code shows how to use the `str_trim()` function to trim whitespace from the right side of a string:

```
library(stringr)
```

```
#create string
```

```
my_string <- " Hey there everyone. "
```

```
#view string
```

```
my_string
```

```
" Hey there everyone. "
```

```
#create new string with white space removed from right
```

```
new_string <- str_trim(my_string, side="right")
```

```
#view new string
```

```
new_string
```

```
" Hey there everyone."
```

Notice that all of the whitespace on the right side of the string has been trimmed.

Example 3: Trim Whitespace from Both Sides

The following code shows how to use the `str_trim()` function to trim whitespace from both sides of a string:

```
library(stringr)
```

```
#create string
```

```
my_string <- " Hey there everyone. "
```

```
#view string
```

```
my_string
```

```
" Hey there everyone. "
```

```
#create new string with white space removed from both sides
```

```
new_string <- str_trim(my_string, side="both")
```

```
#view new string
```

```
new_string
```

```
Hey there everyone."
```