

How can I fix the unexpected string constant error in R?

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The unexpected string constant error in R is a common issue that occurs when there is a mistake in the syntax of a code. This error can be fixed by carefully checking the code for any missing or misplaced quotation marks, parentheses, or other special characters. It is important to also ensure that the code is properly indented and that all opening and closing brackets are correctly matched. By carefully reviewing and correcting these potential errors, the unexpected string constant error can be resolved and the code can be successfully executed.

Fix R Error: Unexpected String Constant

One common error you may encounter in R is:

Error: unexpected string constant in...

This error occurs when you use quotation marks in an incorrect place in R.

The following three examples illustrate when this error can occur in different scenarios.

Example 1: Unexpected String Constant When Importing File

Suppose we attempt to import a colon-delimited file as a data frame in R:

```
#attempt to import colon-delimited file  
read.csv("C:UsersBobdata.csv", sep";")
```

**Error: unexpected string constant in
"read.csv("C:UsersBobdata.csv", sep";")"**

We receive an error because we forgot to include an equal sign after the sep argument.

If we add an equal sign, we'll be able to resolve this error:

```
#import colon-delimited file  
read.csv("C:UsersBobdata.csv", sep=";")
```

team points

1 A 4

2 B 9

3 C 9

4 D 8

5 E 6

Example 2: Unexpected String Constant When Viewing Data

Suppose we attempt to view the values in a vector:

```
#create numeric vector of values  
data <- c(4, 4, 5, 6, 8, 10, 13, 15, 19, 18)
```

```
#attempt to view values
```

```
data""
```

Error: unexpected string constant in "data"""

We receive an error because we accidentally included quotations after the vector name.

If we simply remove the quotations we'll be able to resolve this error:

```
#create numeric vector of values  
data <- c(4, 4, 5, 6, 8, 10, 13, 15, 19, 18)
```

```
#view values  
data
```

```
4 4 5 6 8 10 13 15 19 18
```

Example 3: Unexpected String Constant When Creating Plots

```
#create numeric vector of values  
data <- c(3, 3, 4, 5, 5, 7, 8, 12, 15, 16, 17, 19, 22, 25)
```

```
#attempt to create boxplot to visualize distribution of  
values  
boxplot(data, col='steelblue')
```

Error: unexpected string constant in "boxplot(data,

```
col='steelblue''
```

We receive an error because we forgot to include an equal sign after the col argument.

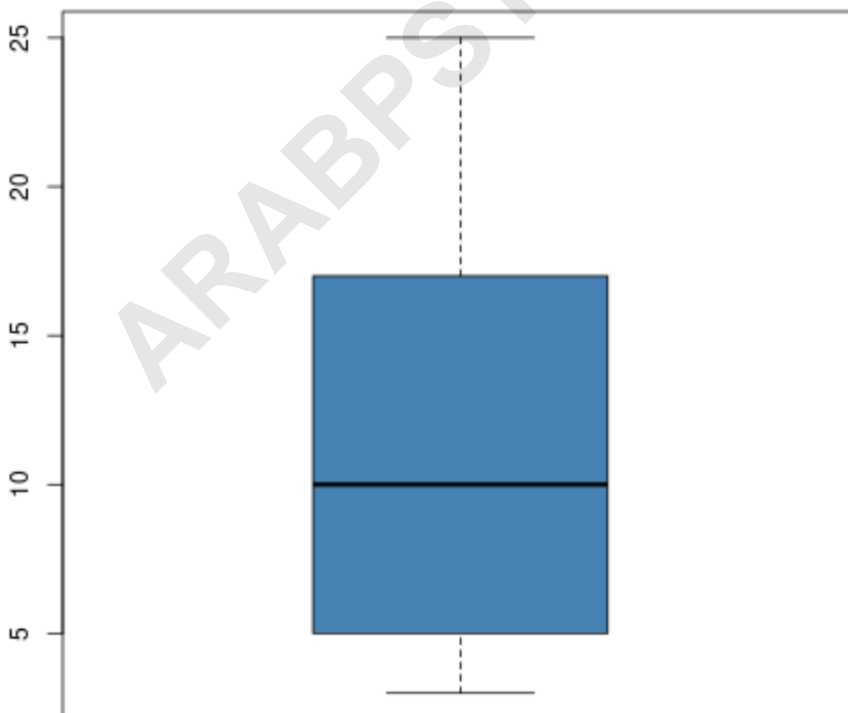
If we simply add an equal sign, we'll be able to resolve this error:

```
#create numeric vector of values
```

```
data <- c(3, 3, 4, 5, 5, 7, 8, 12, 15, 16, 17, 19, 22, 25)
```

```
#create boxplot to visualize distribution of values
```

```
boxplot(data, col='steelblue')
```



The unexpected string constant error can occur in many different scenarios, but these three examples illustrate common instances when it can occur.

The following tutorials explain how to fix other common errors in R:

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