Removing char in string from specific index

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Is there any function in C# that remove from string on specific index, for example

```
string s = "This is string";

s.RemoveAt(2);
```

s is now "Ths is string"

???

`c#`   `string`

edited Aug 27 '15 at 21:28

Brian Tompsett - 汤莱恩
4,322 14 39 105

asked Dec 27 '14 at 16:11
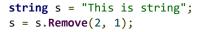
Dino Šatrović
55 1 1 4

5 Answers

```
string s = "This is string";
s = s.Remove(2, 1);
```

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Output : `Ths is string`

✔ `1st parameter` is the `starting index` from which you want to remove character and 2nd parameter is the `number of character` you want to remove
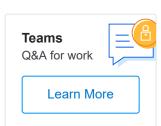
answered Dec 27 '14 at 16:16

Ali Akber
2,502   1   16   34

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As many others have said, there's a `Remove` method. What the other posts haven't explained is that strings in C# are immutable -- you cannot change them.

When you call `Remove`, it actually returns a **new string**; it does not modify the existing string. You'll need to make sure to grab the output of `Remove` and assign it to a variable or return it... just calling `Remove` on its own does not change the string.

answered Dec 27 '14 at 16:44

Daniel Mann
40.8k   7   64   92

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```csharp
public static class MyStringExtensions
{
    public static string RemoveAt(this string s, int inde:
    {
        return s.Remove(index, 1);
    }
}
```

usage:

```csharp
string s = "This is string";
s = s.RemoveAt(2);
```

answered Dec 27 '14 at 16:23

t3chb0t
7,055   5   46   74

You could use Regular Expressions also.

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```csharp
Console.WriteLine(Regex.Replace("This is string", @"(?<=^.
```

This would remove the third character from the start.

DEMO

answered Dec 27 '14 at 16:30

Avinash Raj
144k   14   122   167

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1   A regex is overkill for this situation. – Daniel Mann Dec 27 '14
at 16:41

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1   yep agree regex is an overkill. I think op is asking for
~~possibilities~~ ~~Avinash Rai Dec 27 '14 at 16:44~~

language I think. I didn't know it so cool that you posted this
possiblity too. – t3chb0t Dec 27 '14 at 17:31

There is the `String.Remove` method:

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```
s = s.Remove(2, 1);
```

answered Dec 27 '14 at 16:16

Dmitry
11.5k   5   26   41