**使用字符串方法搜索字符串（C# 编程指南）**

[string](https://msdn.microsoft.com/zh-cn/library/362314fe.aspx) 类型（它是 [System.String](https://msdn.microsoft.com/zh-cn/library/system.string.aspx) 类的别名）为搜索字符串的内容提供了许多有用的方法。

下面的示例使用 [IndexOf](https://msdn.microsoft.com/zh-cn/library/system.string.indexof.aspx)、[LastIndexOf](https://msdn.microsoft.com/zh-cn/library/system.string.lastindexof.aspx)、[StartsWith](https://msdn.microsoft.com/zh-cn/library/system.string.startswith.aspx) 和 [EndsWith](https://msdn.microsoft.com/zh-cn/library/system.string.endswith.aspx) 方法搜素字符串。

class StringSearch

{

static void Main()

{

string str = "Extension methods have all the capabilities of regular static methods.";

// Write the string and include the quotation marks.

System.Console.WriteLine("\"{0}\"", str);

// Simple comparisons are always case sensitive!

bool test1 = str.StartsWith("extension");

System.Console.WriteLine("Starts with \"extension\"? {0}", test1);

// For user input and strings that will be displayed to the end user,

// use the StringComparison parameter on methods that have it to specify how to match strings.

bool test2 = str.StartsWith("extension", System.StringComparison.CurrentCultureIgnoreCase);

System.Console.WriteLine("Starts with \"extension\"? {0} (ignoring case)", test2);

bool test3 = str.EndsWith(".", System.StringComparison.CurrentCultureIgnoreCase);

System.Console.WriteLine("Ends with '.'? {0}", test3);

// This search returns the substring between two strings, so

// the first index is moved to the character just after the first string.

int first = str.IndexOf("methods") + "methods".Length;

int last = str.LastIndexOf("methods");

string str2 = str.Substring(first, last - first);

System.Console.WriteLine("Substring between \"methods\" and \"methods\": '{0}'", str2);

// Keep the console window open in debug mode

System.Console.WriteLine("Press any key to exit.");

System.Console.ReadKey();

}

}

/\*

Output:

"Extension methods have all the capabilities of regular static methods."

Starts with "extension"? False

Starts with "extension"? True (ignoring case)

Ends with '.'? True

Substring between "methods" and "methods": ' have all the capabilities of regular static '

Press any key to exit.

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