Environment.CurrentDirectory Property

Reference

Definition

Namespace: [System](#)

Assembly: System.Runtime.dll

Source: [Environment.cs](#) ↗

Gets or sets the fully qualified path of the current working directory.

```
C#
public static string CurrentDirectory { get; set; }
```

Property Value

[String](#)

The directory path.

Exceptions

[ArgumentException](#)

Attempted to set to an empty string ("").

[ArgumentNullException](#)

Attempted to set to `null`.

[IOException](#)

An I/O error occurred.

[DirectoryNotFoundException](#)

Attempted to set a local path that cannot be found.

[SecurityException](#)

The caller does not have the appropriate permission.

Examples

The following example demonstrates setting the CurrentDirectory property.

```C#
using System;
using System.IO;

public class Example
{
    public static void Main()
    {
        if (Environment.OSVersion.Platform == PlatformID.Win32NT)
        {
            // Change the directory to %WINDIR%
            Environment.CurrentDirectory =
Environment.GetEnvironmentVariable("windir");
            DirectoryInfo info = new DirectoryInfo(".");

            Console.WriteLine("Directory Info:   " + info.FullName);
        }
        else
        {
            Console.WriteLine("This example runs on Windows only.");
        }
    }
}
// The example displays output like the following on a .NET implemen-
tation running on Windows:
//          Directory Info:   C:\windows
// The example displays the following output on a .NET implementation
on Unix-based systems:
//          This example runs on Windows only.
```

Remarks

By definition, if this process starts in the root directory of a local or network drive, the value of this property is the drive name followed by a trailing slash (for example, "C:\"). If this process starts in a subdirectory, the value of this property is the drive and subdirectory path, without a trailing slash (for example, "C:\mySubDirectory").

Applies to

Product	Versions
.NET	Core 2.0, Core 2.1, Core 2.2, Core 3.0, Core 3.1, 5, 6, 7, 8, 9
.NET Framework	1.1, 2.0, 3.0, 3.5, 4.0, 4.5, 4.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8, 4.8.1

Product	Versions
.NET Standard	2.0, 2.1