

FileSystem.GetFileInfo Method (String)

.NET Framework (current version)

Returns a [FileInfo](#) object for the specified file.

Namespace: [Microsoft.VisualBasic.FileIO](#)

Assembly: Microsoft.VisualBasic (in Microsoft.VisualBasic.dll)

Syntax

VB

```
Public Shared Function GetFileInfo (  
    file As String  
) As FileInfo
```

Parameters

file
Type: [System.String](#)
Name and path of the file.

Return Value
Type: [System.IO.FileInfo](#)
[FileInfo](#) object for the specified file

Exceptions

Exception	Condition
ArgumentException	The path name is malformed. For example, it contains invalid characters or is only white space. The file name has a trailing slash mark.
ArgumentNullException	<i>file</i> is Nothing or an empty string.
NotSupportedException	The path contains a colon in the middle of the string.
PathTooLongException	The path is too long.
SecurityException	The user lacks necessary permissions.

UnauthorizedAccessException	The user lacks ACL (access control list) access to the file.
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Remarks

An exception is not thrown if the file does not exist; rather, it will be thrown the first time the object's properties are accessed.

The following table lists an example of a task involving the **My.Computer.FileSystem.GetFileInfo** method.

To	See
Determine a file's name and path	How to: Parse File Paths in Visual Basic

Examples

This example retrieves a [System.IO.FileInfo](#) object for the file `MyLogFile.log` and uses it to report the file's full name, last access time, and length.

VB

```
Dim information = My.Computer.FileSystem.GetFileInfo("C:\MyLogFile.log")
MsgBox("The file's full name is " & information.FullName & ".")
MsgBox("Last access time is " & information.LastAccessTime & ".")
MsgBox("The length is " & information.Length & ".")
```

Security

[FileIOPermission](#)
Controls the ability to access files and folders. Associated enumeration: [Unrestricted](#).

Version Information

.NET Framework
Available since 2.0

See Also

[System.IO.FileInfo](#)
[FileSystem Class](#)

[Microsoft.VisualBasic.FileIO Namespace](#)

[Objects \(Visual Basic\)](#)

[Walkthrough: Manipulating Files and Directories in Visual Basic](#)

[Return to top](#)

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