

1 System.Security.Permissions.FileIOPermissionAccess Enum

```
3 [ILAsm]  
4 .class public sealed serializable FileIOPermissionAccess extends  
5 System.Enum  
  
6 [C#]  
7 public enum FileIOPermissionAccess
```

8 Assembly Info:

- 9 • *Name:* mscorlib
- 10 • *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- 11 • *Version:* 2.0.x.x
- 12 • *Attributes:*
 - 13 ○ CLSCompliantAttribute(true)

14 Type Attributes:

- 15 • FlagsAttribute

16 Summary

17 Represents access to files and directories.

18 Inherits From: System.Enum

19

20 **Library:** BCL

21

22 Description

23 *[Note:* This enumeration is used by the
24 `System.Security.Permissions.FileIOPermission` class.]
25
26

27

1 FileIOPermissionAccess.AllAccess Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Security.Permissions.FileIOPermissionAccess AllAccess = Read |  
5 Write | Append | PathDiscovery  
  
6 [C#]  
7 AllAccess = Read | Write | Append | PathDiscovery
```

8 Summary

9 Specifies System.Security.Permissions.FileIOPermissionAccess.Append,
10 System.Security.Permissions.FileIOPermissionAccess.Read,
11 System.Security.Permissions.FileIOPermissionAccess.Write, and
12 System.Security.Permissions.FileIOPermissionAccess.PathDiscovery access to a
13 file or directory.

14

1 FileIOPermissionAccess.Append Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Security.Permissions.FileIOPermissionAccess Append = 0x4  
  
5 [C#]  
6 Append = 0x4
```

7 Summary

8 Specifies append access to a file or directory. Append access includes the ability to
9 create a new file or directory.

10

1 FileIOPermissionAccess.NoAccess Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Security.Permissions.FileIOPermissionAccess NoAccess = 0x0  
5 [C#]  
6 NoAccess = 0x0
```

7 Summary

8 Specifies no access to a file or directory.

9

1 FileIOPermissionAccess.PathDiscovery Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Security.Permissions.FileIOPermissionAccess PathDiscovery = 0x8  
5 [C#]  
6 PathDiscovery = 0x8
```

7 Summary

8 Specifies access to the path information for a file or directory.
9 System.Security.Permissions.FileIOPermissionAccess.PathDiscovery does not
10 include access to the contents of a file or directory.

11
12 [*Note:* This permission is used to protect sensitive information in the path, such as user
13 names, as well as information about the directory structure revealed in the path.]
14
15

16

1 FileIOPermissionAccess.Read Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Security.Permissions.FileIOPermissionAccess Read = 0x1  
  
5 [C#]  
6 Read = 0x1
```

7 Summary

8 Specifies read access to a file or directory.

9

1 FileIOPermissionAccess.Write Field

```
2 [ILAsm]  
3 .field public static literal valuetype  
4 System.Security.Permissions.FileIOPermissionAccess Write = 0x2  
  
5 [C#]  
6 Write = 0x2
```

7 Summary

8 Specifies write access to a file or directory. Write access includes deleting and
9 overwriting files or directories.

10