

# 1 System.Security.Permissions.FileIOPermissionAccess Enum

2  
3  
4

```
5 [ILASM]  
6 .class public sealed serializable FileIOPermissionAccess  
7 extends System.Enum  
  
8 [C#]  
9 public enum FileIOPermissionAccess
```

## 10 Assembly Info:

- 11 • Name: mscorlib
- 12 • Public Key: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00]
- 13 • Version: 1.0.x.x
- 14 • Attributes:
  - 15 ○ CLSCompliantAttribute(true)

## 16 Type Attributes:

- 17 • FlagsAttribute

## 18 Summary

19

20 Represents access to files and directories.

## 21 Inherits From: System.Enum

22

23 Library: BCL

24

## 25 Description

26 [Note: This enumeration is used by the  
27 System.Security.Permissions.FileIOPermission class.]

28

# 1 FileIOPermissionAccess.AllAccess Field

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

## 8 Summary

9 Specifies  
10 **System.Security.Permissions.FileIOPermissionAccess.Append**,  
11 **System.Security.Permissions.FileIOPermissionAccess.Read**,  
12 **System.Security.Permissions.FileIOPermissionAccess.Write**,  
13 and  
14 **System.Security.Permissions.FileIOPermissionAccess.PathDisc**  
15 **overy** access to a file or directory.

16

# 1 FileIOPermissionAccess.Append Field

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

## 8 Summary

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

11

# 1 FileIOPermissionAccess.NoAccess Field

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

## 8 Summary

9 Specifies no access to a file or directory.

10

# 1 FileIOPermissionAccess.PathDiscovery 2 Field

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

## 9 Summary

10 Specifies access to the path information for a file or directory.  
11 **System.Security.Permissions.FileIOPermissionAccess.PathDisc**  
12 **overy** does not include access to the contents of a file or directory.  
13  
14 [*Note:* This permission is used to protect sensitive information in the  
15 path, such as user names, as well as information about the directory  
16 structure revealed in the path.]

17

# 1 FileIOPermissionAccess.Read Field

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

## 8 Summary

9 Specifies read access to a file or directory.

10

# 1 FileIOPermissionAccess.Write Field

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

## 8 Summary

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

11