

JAVA.IO.FILEPERMISSION CLASS

Introduction

The **Java.io.FilePermission** class represents access to a file or directory. It consists of a pathname and a set of actions valid for that pathname. Following are the important points about FilePermission:

- The actions to be granted are passed to the constructor in a string containing a list of one or more comma-separated keywords. The possible keywords are "read", "write", "execute", and "delete".
- Code can always read a file from the same directory it's in or a subdirectory of that directory; it does not need explicit permission to do so.

Class declaration

Following is the declaration for **Java.io.FilePermission** class:

```
public final class FilePermission
    extends Permission
    implements Serializable
```

Class constructors

S.N. Constructor & Description

1

FilePermission*Stringpath, Stringactions*

This creates a new FilePermission object with the specified actions.

Class methods

S.N. Method & Description

1

[boolean equalsObjectobj](#)

This method checks two FilePermission objects for equality.

2

[String getActions](#)

This method returns the "canonical string representation" of the actions.

3

[int hashCode](#)

This method returns the hash code value for this object.

4

[boolean impliesPermissionp](#)

This method checks if this FilePermission object "implies" the specified permission.

[PermissionCollection newPermissionCollection](#)

This method returns a new PermissionCollection object for storing FilePermission objects.

Methods inherited

This class inherits methods from the following classes:

- [Java.io.Permission](#)

- [Java.io.Object](#)

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