| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ForwardingJavaFileObject.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html)   [**NEXT CLASS**](http://docs.google.com/javax/tools/JavaCompiler.html) | [**FRAMES**](http://docs.google.com/index.html?javax/tools/ForwardingJavaFileObject.html)    [**NO FRAMES**](http://docs.google.com/ForwardingJavaFileObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3dy6vkm) | [CONSTR](#1t3h5sf) | [METHOD](#4d34og8) | DETAIL: FIELD | [CONSTR](#26in1rg) | [METHOD](#1ksv4uv) |

## **javax.tools**

Class ForwardingJavaFileObject<F extends [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html)>

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.tools.ForwardingFileObject](http://docs.google.com/javax/tools/ForwardingFileObject.html)<F>  
 **javax.tools.ForwardingJavaFileObject<F>**

**Type Parameters:**F - the kind of file object forwarded to by this object **All Implemented Interfaces:** [FileObject](http://docs.google.com/javax/tools/FileObject.html), [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)

public class **ForwardingJavaFileObject<F extends** [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html)**>**extends [ForwardingFileObject](http://docs.google.com/javax/tools/ForwardingFileObject.html)<F>implements [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)

Forwards calls to a given file object. Subclasses of this class might override some of these methods and might also provide additional fields and methods.

**Since:** 1.6

| **Nested Class Summary** | |
| --- | --- |

| **Nested classes/interfaces inherited from interface javax.tools.**[**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html) |
| --- |
| [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) |

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.tools.**[**ForwardingFileObject**](http://docs.google.com/javax/tools/ForwardingFileObject.html) |
| --- |
| [fileObject](http://docs.google.com/javax/tools/ForwardingFileObject.html#fileObject) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**ForwardingJavaFileObject**](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html#ForwardingJavaFileObject(F))([F](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html) fileObject)            Creates a new instance of ForwardingJavaFileObject. |

| **Method Summary** | |
| --- | --- |
| [Modifier](http://docs.google.com/javax/lang/model/element/Modifier.html) | [**getAccessLevel**](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html#getAccessLevel())()            Provides a hint about the access level of the class represented by this file object. |
| [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) | [**getKind**](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html#getKind())()            Gets the kind of this file object. |
| [NestingKind](http://docs.google.com/javax/lang/model/element/NestingKind.html) | [**getNestingKind**](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html#getNestingKind())()            Provides a hint about the nesting level of the class represented by this file object. |
| boolean | [**isNameCompatible**](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html#isNameCompatible(java.lang.String,%20javax.tools.JavaFileObject.Kind))([String](http://docs.google.com/java/lang/String.html) simpleName, [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) kind)            Checks if this file object is compatible with the specified simple name and kind. |

| **Methods inherited from class javax.tools.**[**ForwardingFileObject**](http://docs.google.com/javax/tools/ForwardingFileObject.html) |
| --- |
| [delete](http://docs.google.com/javax/tools/ForwardingFileObject.html#delete()), [getCharContent](http://docs.google.com/javax/tools/ForwardingFileObject.html#getCharContent(boolean)), [getLastModified](http://docs.google.com/javax/tools/ForwardingFileObject.html#getLastModified()), [getName](http://docs.google.com/javax/tools/ForwardingFileObject.html#getName()), [openInputStream](http://docs.google.com/javax/tools/ForwardingFileObject.html#openInputStream()), [openOutputStream](http://docs.google.com/javax/tools/ForwardingFileObject.html#openOutputStream()), [openReader](http://docs.google.com/javax/tools/ForwardingFileObject.html#openReader(boolean)), [openWriter](http://docs.google.com/javax/tools/ForwardingFileObject.html#openWriter()), [toUri](http://docs.google.com/javax/tools/ForwardingFileObject.html#toUri()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Methods inherited from interface javax.tools.**[**FileObject**](http://docs.google.com/javax/tools/FileObject.html) |
| --- |
| [delete](http://docs.google.com/javax/tools/FileObject.html#delete()), [getCharContent](http://docs.google.com/javax/tools/FileObject.html#getCharContent(boolean)), [getLastModified](http://docs.google.com/javax/tools/FileObject.html#getLastModified()), [getName](http://docs.google.com/javax/tools/FileObject.html#getName()), [openInputStream](http://docs.google.com/javax/tools/FileObject.html#openInputStream()), [openOutputStream](http://docs.google.com/javax/tools/FileObject.html#openOutputStream()), [openReader](http://docs.google.com/javax/tools/FileObject.html#openReader(boolean)), [openWriter](http://docs.google.com/javax/tools/FileObject.html#openWriter()), [toUri](http://docs.google.com/javax/tools/FileObject.html#toUri()) |

| **Constructor Detail** |
| --- |

### ForwardingJavaFileObject

protected **ForwardingJavaFileObject**([F](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html) fileObject)

Creates a new instance of ForwardingJavaFileObject.

**Parameters:**fileObject - delegate to this file object

| **Method Detail** |
| --- |

### getKind

public [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) **getKind**()

**Description copied from interface:** [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html#getKind()) Gets the kind of this file object.

**Specified by:**[getKind](http://docs.google.com/javax/tools/JavaFileObject.html#getKind()) in interface [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) **Returns:**the kind

### isNameCompatible

public boolean **isNameCompatible**([String](http://docs.google.com/java/lang/String.html) simpleName,  
 [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) kind)

**Description copied from interface:** [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html#isNameCompatible(java.lang.String,%20javax.tools.JavaFileObject.Kind)) Checks if this file object is compatible with the specified simple name and kind. A simple name is a single identifier (not qualified) as defined in the [Java Language Specification](http://java.sun.com/docs/books/jls/) 3rd ed., section 6.2 "Names and Identifiers".

**Specified by:**[isNameCompatible](http://docs.google.com/javax/tools/JavaFileObject.html#isNameCompatible(java.lang.String,%20javax.tools.JavaFileObject.Kind)) in interface [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) **Parameters:**simpleName - a simple name of a classkind - a kind **Returns:**true if this file object is compatible; false otherwise

### getNestingKind

public [NestingKind](http://docs.google.com/javax/lang/model/element/NestingKind.html) **getNestingKind**()

**Description copied from interface:** [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html#getNestingKind()) Provides a hint about the nesting level of the class represented by this file object. This method may return [NestingKind.MEMBER](http://docs.google.com/javax/lang/model/element/NestingKind.html#MEMBER) to mean [NestingKind.LOCAL](http://docs.google.com/javax/lang/model/element/NestingKind.html#LOCAL) or [NestingKind.ANONYMOUS](http://docs.google.com/javax/lang/model/element/NestingKind.html#ANONYMOUS). If the nesting level is not known or this file object does not represent a class file this method returns null.

**Specified by:**[getNestingKind](http://docs.google.com/javax/tools/JavaFileObject.html#getNestingKind()) in interface [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) **Returns:**the nesting kind, or null if the nesting kind is not known

### getAccessLevel

public [Modifier](http://docs.google.com/javax/lang/model/element/Modifier.html) **getAccessLevel**()

**Description copied from interface:** [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html#getAccessLevel()) Provides a hint about the access level of the class represented by this file object. If the access level is not known or if this file object does not represent a class file this method returns null.

**Specified by:**[getAccessLevel](http://docs.google.com/javax/tools/JavaFileObject.html#getAccessLevel()) in interface [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) **Returns:**the access level

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ForwardingJavaFileObject.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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