| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/tools/FileObject.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/tools//class-useFileObject.html)    [**NO FRAMES**](http://docs.google.com/FileObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.tools.FileObject**

| Packages that use [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| [**javax.annotation.processing**](#3znysh7) | Facilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment. |
| [**javax.tools**](#2et92p0) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

| Uses of [FileObject](http://docs.google.com/javax/tools/FileObject.html) in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
| --- | --- |

| Methods in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) that return [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **Filer.**[**createResource**](http://docs.google.com/javax/annotation/processing/Filer.html#createResource(javax.tools.JavaFileManager.Location,%20java.lang.CharSequence,%20java.lang.CharSequence,%20javax.lang.model.element.Element...))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) pkg, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) relativeName, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new auxiliary resource file for writing and returns a file object for it. |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **Filer.**[**getResource**](http://docs.google.com/javax/annotation/processing/Filer.html#getResource(javax.tools.JavaFileManager.Location,%20java.lang.CharSequence,%20java.lang.CharSequence))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) pkg, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) relativeName)            Returns an object for reading an existing resource. |

| Uses of [FileObject](http://docs.google.com/javax/tools/FileObject.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |

| Classes in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with type parameters of type [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| class | [**ForwardingFileObject<F extends FileObject>**](http://docs.google.com/javax/tools/ForwardingFileObject.html)            Forwards calls to a given file object. |

| Subinterfaces of [FileObject](http://docs.google.com/javax/tools/FileObject.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |
| interface | [**JavaFileObject**](http://docs.google.com/javax/tools/JavaFileObject.html)            File abstraction for tools operating on Java™ programming language source and class files. |

| Classes in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that implement [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| class | [**ForwardingFileObject<F extends FileObject>**](http://docs.google.com/javax/tools/ForwardingFileObject.html)            Forwards calls to a given file object. |
| class | [**ForwardingJavaFileObject<F extends JavaFileObject>**](http://docs.google.com/javax/tools/ForwardingJavaFileObject.html)            Forwards calls to a given file object. |
| class | [**SimpleJavaFileObject**](http://docs.google.com/javax/tools/SimpleJavaFileObject.html)            Provides simple implementations for most methods in JavaFileObject. |

| Fields in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) declared as [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| protected  [F](http://docs.google.com/javax/tools/ForwardingFileObject.html) | **ForwardingFileObject.**[**fileObject**](http://docs.google.com/javax/tools/ForwardingFileObject.html#fileObject)            The file object which all methods are delegated to. |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that return [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **ForwardingJavaFileManager.**[**getFileForInput**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html#getFileForInput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.lang.String))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [String](http://docs.google.com/java/lang/String.html) relativeName) |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **JavaFileManager.**[**getFileForInput**](http://docs.google.com/javax/tools/JavaFileManager.html#getFileForInput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.lang.String))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [String](http://docs.google.com/java/lang/String.html) relativeName)            Gets a [file object](http://docs.google.com/javax/tools/FileObject.html) for input representing the specified [relative name](http://docs.google.com/javax/tools/JavaFileManager.html#relative_name) in the specified package in the given location. |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **ForwardingJavaFileManager.**[**getFileForOutput**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html#getFileForOutput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.lang.String,%20javax.tools.FileObject))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [String](http://docs.google.com/java/lang/String.html) relativeName, [FileObject](http://docs.google.com/javax/tools/FileObject.html) sibling) |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **JavaFileManager.**[**getFileForOutput**](http://docs.google.com/javax/tools/JavaFileManager.html#getFileForOutput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.lang.String,%20javax.tools.FileObject))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [String](http://docs.google.com/java/lang/String.html) relativeName, [FileObject](http://docs.google.com/javax/tools/FileObject.html) sibling)            Gets a [file object](http://docs.google.com/javax/tools/FileObject.html) for output representing the specified [relative name](http://docs.google.com/javax/tools/JavaFileManager.html#relative_name) in the specified package in the given location. |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with parameters of type [FileObject](http://docs.google.com/javax/tools/FileObject.html) | |
| --- | --- |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **ForwardingJavaFileManager.**[**getFileForOutput**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html#getFileForOutput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.lang.String,%20javax.tools.FileObject))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [String](http://docs.google.com/java/lang/String.html) relativeName, [FileObject](http://docs.google.com/javax/tools/FileObject.html) sibling) |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **JavaFileManager.**[**getFileForOutput**](http://docs.google.com/javax/tools/JavaFileManager.html#getFileForOutput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20java.lang.String,%20javax.tools.FileObject))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) packageName, [String](http://docs.google.com/java/lang/String.html) relativeName, [FileObject](http://docs.google.com/javax/tools/FileObject.html) sibling)            Gets a [file object](http://docs.google.com/javax/tools/FileObject.html) for output representing the specified [relative name](http://docs.google.com/javax/tools/JavaFileManager.html#relative_name) in the specified package in the given location. |
| [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) | **ForwardingJavaFileManager.**[**getJavaFileForOutput**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html#getJavaFileForOutput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20javax.tools.JavaFileObject.Kind,%20javax.tools.FileObject))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) className, [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) kind, [FileObject](http://docs.google.com/javax/tools/FileObject.html) sibling) |
| [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) | **JavaFileManager.**[**getJavaFileForOutput**](http://docs.google.com/javax/tools/JavaFileManager.html#getJavaFileForOutput(javax.tools.JavaFileManager.Location,%20java.lang.String,%20javax.tools.JavaFileObject.Kind,%20javax.tools.FileObject))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [String](http://docs.google.com/java/lang/String.html) className, [JavaFileObject.Kind](http://docs.google.com/javax/tools/JavaFileObject.Kind.html) kind, [FileObject](http://docs.google.com/javax/tools/FileObject.html) sibling)            Gets a [file object](http://docs.google.com/javax/tools/JavaFileObject.html) for output representing the specified class of the specified kind in the given location. |
| boolean | **ForwardingJavaFileManager.**[**isSameFile**](http://docs.google.com/javax/tools/ForwardingJavaFileManager.html#isSameFile(javax.tools.FileObject,%20javax.tools.FileObject))([FileObject](http://docs.google.com/javax/tools/FileObject.html) a, [FileObject](http://docs.google.com/javax/tools/FileObject.html) b) |
| boolean | **StandardJavaFileManager.**[**isSameFile**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#isSameFile(javax.tools.FileObject,%20javax.tools.FileObject))([FileObject](http://docs.google.com/javax/tools/FileObject.html) a, [FileObject](http://docs.google.com/javax/tools/FileObject.html) b)            Compares two file objects and return true if they represent the same canonical file, zip file entry, or entry in any file system based container. |
| boolean | **JavaFileManager.**[**isSameFile**](http://docs.google.com/javax/tools/JavaFileManager.html#isSameFile(javax.tools.FileObject,%20javax.tools.FileObject))([FileObject](http://docs.google.com/javax/tools/FileObject.html) a, [FileObject](http://docs.google.com/javax/tools/FileObject.html) b)            Compares two file objects and return true if they represent the same underlying object. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/tools/FileObject.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/tools//class-useFileObject.html)    [**NO FRAMES**](http://docs.google.com/FileObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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