| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileView.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/swing/filechooser/FileSystemView.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/filechooser/FileView.html)    [**NO FRAMES**](http://docs.google.com/FileView.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.swing.filechooser**

Class FileView

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.swing.filechooser.FileView**

**Direct Known Subclasses:** [BasicFileChooserUI.BasicFileView](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html)

public abstract class **FileView**extends [Object](http://docs.google.com/java/lang/Object.html)

FileView defines an abstract class that can be implemented to provide the filechooser with UI information for a File. Each L&F JFileChooserUI object implements this class to pass back the correct icons and type descriptions specific to that L&F. For example, the Microsoft Windows L&F returns the generic Windows icons for directories and generic files. Additionally, you may want to provide your own FileView to JFileChooser to return different icons or additional information using [JFileChooser.setFileView(javax.swing.filechooser.FileView)](http://docs.google.com/javax/swing/JFileChooser.html#setFileView(javax.swing.filechooser.FileView)).

JFileChooser first looks to see if there is a user defined FileView, if there is, it gets type information from there first. If FileView returns null for any method, JFileChooser then uses the L&F specific view to get the information. So, for example, if you provide a FileView class that returns an Icon for JPG files, and returns null icons for all other files, the UI's FileView will provide default icons for all other files.

For an example implementation of a simple file view, see *yourJDK*/demo/jfc/FileChooserDemo/ExampleFileView.java. For more information and examples see [How to Use File Choosers](http://java.sun.com/docs/books/tutorial/uiswing/components/filechooser.html), a section in *The Java Tutorial*.

**See Also:**[JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html)

| **Constructor Summary** | |
| --- | --- |
| [**FileView**](http://docs.google.com/javax/swing/filechooser/FileView.html#FileView())() |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getDescription**](http://docs.google.com/javax/swing/filechooser/FileView.html#getDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            A human readable description of the file. |
| [Icon](http://docs.google.com/javax/swing/Icon.html) | [**getIcon**](http://docs.google.com/javax/swing/filechooser/FileView.html#getIcon(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            The icon that represents this file in the JFileChooser. |
| [String](http://docs.google.com/java/lang/String.html) | [**getName**](http://docs.google.com/javax/swing/filechooser/FileView.html#getName(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            The name of the file. |
| [String](http://docs.google.com/java/lang/String.html) | [**getTypeDescription**](http://docs.google.com/javax/swing/filechooser/FileView.html#getTypeDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            A human readable description of the type of the file. |
| [Boolean](http://docs.google.com/java/lang/Boolean.html) | [**isTraversable**](http://docs.google.com/javax/swing/filechooser/FileView.html#isTraversable(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Whether the directory is traversable or not. |

| **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)) |

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

### FileView

public **FileView**()

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

### getName

public [String](http://docs.google.com/java/lang/String.html) **getName**([File](http://docs.google.com/java/io/File.html) f)

The name of the file. Normally this would be simply f.getName().

### getDescription

public [String](http://docs.google.com/java/lang/String.html) **getDescription**([File](http://docs.google.com/java/io/File.html) f)

A human readable description of the file. For example, a file named *jag.jpg* might have a description that read: "A JPEG image file of James Gosling's face".

### getTypeDescription

public [String](http://docs.google.com/java/lang/String.html) **getTypeDescription**([File](http://docs.google.com/java/io/File.html) f)

A human readable description of the type of the file. For example, a jpg file might have a type description of: "A JPEG Compressed Image File"

### getIcon

public [Icon](http://docs.google.com/javax/swing/Icon.html) **getIcon**([File](http://docs.google.com/java/io/File.html) f)

The icon that represents this file in the JFileChooser.

### isTraversable

public [Boolean](http://docs.google.com/java/lang/Boolean.html) **isTraversable**([File](http://docs.google.com/java/io/File.html) f)

Whether the directory is traversable or not. This might be useful, for example, if you want a directory to represent a compound document and don't want the user to descend into it.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileView.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/swing/filechooser/FileSystemView.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/swing/filechooser/FileView.html)    [**NO FRAMES**](http://docs.google.com/FileView.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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