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

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

public final class **FileNameExtensionFilter**extends [FileFilter](http://docs.google.com/javax/swing/filechooser/FileFilter.html)

An implementation of FileFilter that filters using a specified set of extensions. The extension for a file is the portion of the file name after the last ".". Files whose name does not contain a "." have no file name extension. File name extension comparisons are case insensitive.

The following example creates a FileNameExtensionFilter that will show jpg files:

FileFilter filter = new FileNameExtensionFilter("JPEG file", "jpg", "jpeg");  
 JFileChooser fileChooser = ...;  
 fileChooser.addChoosableFileFilter(filter);

**Since:** 1.6 **See Also:**[FileFilter](http://docs.google.com/javax/swing/filechooser/FileFilter.html), [JFileChooser.setFileFilter(javax.swing.filechooser.FileFilter)](http://docs.google.com/javax/swing/JFileChooser.html#setFileFilter(javax.swing.filechooser.FileFilter)), [JFileChooser.addChoosableFileFilter(javax.swing.filechooser.FileFilter)](http://docs.google.com/javax/swing/JFileChooser.html#addChoosableFileFilter(javax.swing.filechooser.FileFilter)), [JFileChooser.getFileFilter()](http://docs.google.com/javax/swing/JFileChooser.html#getFileFilter())

| **Constructor Summary** | |
| --- | --- |
| [**FileNameExtensionFilter**](http://docs.google.com/javax/swing/filechooser/FileNameExtensionFilter.html#FileNameExtensionFilter(java.lang.String,%20java.lang.String...))([String](http://docs.google.com/java/lang/String.html) description, [String](http://docs.google.com/java/lang/String.html)... extensions)            Creates a FileNameExtensionFilter with the specified description and file name extensions. |

| **Method Summary** | |
| --- | --- |
| boolean | [**accept**](http://docs.google.com/javax/swing/filechooser/FileNameExtensionFilter.html#accept(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Tests the specified file, returning true if the file is accepted, false otherwise. |
| [String](http://docs.google.com/java/lang/String.html) | [**getDescription**](http://docs.google.com/javax/swing/filechooser/FileNameExtensionFilter.html#getDescription())()            The description of this filter. |
| [String](http://docs.google.com/java/lang/String.html)[] | [**getExtensions**](http://docs.google.com/javax/swing/filechooser/FileNameExtensionFilter.html#getExtensions())()            Returns the set of file name extensions files are tested against. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/swing/filechooser/FileNameExtensionFilter.html#toString())()            Returns a string representation of the FileNameExtensionFilter. |

| **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()), [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** |
| --- |

### FileNameExtensionFilter

public **FileNameExtensionFilter**([String](http://docs.google.com/java/lang/String.html) description,  
 [String](http://docs.google.com/java/lang/String.html)... extensions)

Creates a FileNameExtensionFilter with the specified description and file name extensions. The returned FileNameExtensionFilter will accept all directories and any file with a file name extension contained in extensions.

**Parameters:**description - textual description for the filter, may be nullextensions - the accepted file name extensions **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if extensions is null, empty, contains null, or contains an empty string**See Also:**[accept(java.io.File)](http://docs.google.com/javax/swing/filechooser/FileNameExtensionFilter.html#accept(java.io.File))

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

### accept

public boolean **accept**([File](http://docs.google.com/java/io/File.html) f)

Tests the specified file, returning true if the file is accepted, false otherwise. True is returned if the extension matches one of the file name extensions of this FileFilter, or the file is a directory.

**Specified by:**[accept](http://docs.google.com/javax/swing/filechooser/FileFilter.html#accept(java.io.File)) in class [FileFilter](http://docs.google.com/javax/swing/filechooser/FileFilter.html) **Parameters:**f - the File to test **Returns:**true if the file is to be accepted, false otherwise

### getDescription

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

The description of this filter. For example: "JPG and GIF Images."

**Specified by:**[getDescription](http://docs.google.com/javax/swing/filechooser/FileFilter.html#getDescription()) in class [FileFilter](http://docs.google.com/javax/swing/filechooser/FileFilter.html) **Returns:**the description of this filter**See Also:**[FileView.getName(java.io.File)](http://docs.google.com/javax/swing/filechooser/FileView.html#getName(java.io.File))

### getExtensions

public [String](http://docs.google.com/java/lang/String.html)[] **getExtensions**()

Returns the set of file name extensions files are tested against.

**Returns:**the set of file name extensions files are tested against

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string representation of the FileNameExtensionFilter. This method is intended to be used for debugging purposes, and the content and format of the returned string may vary between implementations.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of this FileNameExtensionFilter

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/FileNameExtensionFilter.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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