| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/File.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?java/io//class-useFile.html)    [**NO FRAMES**](http://docs.google.com/File.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.io.File**

| Packages that use [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.io**](#2et92p0) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#tyjcwt) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.security**](#3dy6vkm) | Provides the classes and interfaces for the security framework. |
| [**java.util**](#1t3h5sf) | Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). |
| [**java.util.jar**](#4d34og8) | Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file. |
| [**java.util.zip**](#2s8eyo1) | Provides classes for reading and writing the standard ZIP and GZIP file formats. |
| [**javax.activation**](#17dp8vu) |  |
| [**javax.imageio**](#3rdcrjn) | The main package of the Java Image I/O API. |
| [**javax.imageio.spi**](#26in1rg) | A package of the Java Image I/O API containing the plug-in interfaces for readers, writers, transcoders, and streams, and a runtime registry. |
| [**javax.imageio.stream**](#lnxbz9) | A package of the Java Image I/O API dealing with low-level I/O from files and streams. |
| [**javax.sound.midi**](#35nkun2) | Provides interfaces and classes for I/O, sequencing, and synthesis of MIDI (Musical Instrument Digital Interface) data. |
| [**javax.sound.midi.spi**](#1ksv4uv) | Supplies interfaces for service providers to implement when offering new MIDI devices, MIDI file readers and writers, or sound bank readers. |
| [**javax.sound.sampled**](#44sinio) | Provides interfaces and classes for capture, processing, and playback of sampled audio data. |
| [**javax.sound.sampled.spi**](#2jxsxqh) | Supplies abstract classes for service providers to subclass when offering new audio devices, sound file readers and writers, or audio format converters. |
| [**javax.swing**](#z337ya) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.filechooser**](#3j2qqm3) | Contains classes and interfaces used by the JFileChooser component. |
| [**javax.swing.plaf**](#1y810tw) | Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. |
| [**javax.swing.plaf.basic**](#4i7ojhp) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.plaf.metal**](#2xcytpi) | Provides user interface objects built according to the Java look and feel (once codenamed *Metal*), which is the default look and feel. |
| [**javax.swing.plaf.multi**](#1ci93xb) | Provides user interface objects that combine two or more look and feels. |
| [**javax.tools**](#3whwml4) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |
| [**javax.xml.bind**](#2bn6wsx) | Provides a runtime binding framework for client applications including unmarshalling, marshalling, and validation capabilities. |
| [**javax.xml.bind.helpers**](#qsh70q) | **JAXB Provider Use Only:** Provides partial default implementations for some of the javax.xml.bind interfaces. |
| [**javax.xml.parsers**](#3as4poj) | Provides classes allowing the processing of XML documents. |
| [**javax.xml.transform.stream**](#1pxezwc) | This package implements stream- and URI- specific transformation APIs. |
| [**javax.xml.validation**](#49x2ik5) | This package provides an API for validation of XML documents. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.awt](http://docs.google.com/java/awt/package-summary.html) | |
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| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| static [Font](http://docs.google.com/java/awt/Font.html) | **Font.**[**createFont**](http://docs.google.com/java/awt/Font.html#createFont(int,%20java.io.File))(int fontFormat, [File](http://docs.google.com/java/io/File.html) fontFile)            Returns a new Font using the specified font type and the specified font file. |
| void | **Desktop.**[**edit**](http://docs.google.com/java/awt/Desktop.html#edit(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Launches the associated editor application and opens a file for editing. |
| void | **Desktop.**[**open**](http://docs.google.com/java/awt/Desktop.html#open(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Launches the associated application to open the file. |
| void | **Desktop.**[**print**](http://docs.google.com/java/awt/Desktop.html#print(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Prints a file with the native desktop printing facility, using the associated application's print command. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
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| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| static [File](http://docs.google.com/java/io/File.html) | **File.**[**createTempFile**](http://docs.google.com/java/io/File.html#createTempFile(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) suffix)            Creates an empty file in the default temporary-file directory, using the given prefix and suffix to generate its name. |
| static [File](http://docs.google.com/java/io/File.html) | **File.**[**createTempFile**](http://docs.google.com/java/io/File.html#createTempFile(java.lang.String,%20java.lang.String,%20java.io.File))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) suffix, [File](http://docs.google.com/java/io/File.html) directory)             Creates a new empty file in the specified directory, using the given prefix and suffix strings to generate its name. |
| [File](http://docs.google.com/java/io/File.html) | **File.**[**getAbsoluteFile**](http://docs.google.com/java/io/File.html#getAbsoluteFile())()            Returns the absolute form of this abstract pathname. |
| [File](http://docs.google.com/java/io/File.html) | **File.**[**getCanonicalFile**](http://docs.google.com/java/io/File.html#getCanonicalFile())()            Returns the canonical form of this abstract pathname. |
| [File](http://docs.google.com/java/io/File.html) | **File.**[**getParentFile**](http://docs.google.com/java/io/File.html#getParentFile())()            Returns the abstract pathname of this abstract pathname's parent, or null if this pathname does not name a parent directory. |
| [File](http://docs.google.com/java/io/File.html)[] | **File.**[**listFiles**](http://docs.google.com/java/io/File.html#listFiles())()            Returns an array of abstract pathnames denoting the files in the directory denoted by this abstract pathname. |
| [File](http://docs.google.com/java/io/File.html)[] | **File.**[**listFiles**](http://docs.google.com/java/io/File.html#listFiles(java.io.FileFilter))([FileFilter](http://docs.google.com/java/io/FileFilter.html) filter)            Returns an array of abstract pathnames denoting the files and directories in the directory denoted by this abstract pathname that satisfy the specified filter. |
| [File](http://docs.google.com/java/io/File.html)[] | **File.**[**listFiles**](http://docs.google.com/java/io/File.html#listFiles(java.io.FilenameFilter))([FilenameFilter](http://docs.google.com/java/io/FilenameFilter.html) filter)            Returns an array of abstract pathnames denoting the files and directories in the directory denoted by this abstract pathname that satisfy the specified filter. |
| static [File](http://docs.google.com/java/io/File.html)[] | **File.**[**listRoots**](http://docs.google.com/java/io/File.html#listRoots())()            List the available filesystem roots. |

| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| boolean | **FileFilter.**[**accept**](http://docs.google.com/java/io/FileFilter.html#accept(java.io.File))([File](http://docs.google.com/java/io/File.html) pathname)            Tests whether or not the specified abstract pathname should be included in a pathname list. |
| boolean | **FilenameFilter.**[**accept**](http://docs.google.com/java/io/FilenameFilter.html#accept(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) dir, [String](http://docs.google.com/java/lang/String.html) name)            Tests if a specified file should be included in a file list. |
| int | **File.**[**compareTo**](http://docs.google.com/java/io/File.html#compareTo(java.io.File))([File](http://docs.google.com/java/io/File.html) pathname)            Compares two abstract pathnames lexicographically. |
| static [File](http://docs.google.com/java/io/File.html) | **File.**[**createTempFile**](http://docs.google.com/java/io/File.html#createTempFile(java.lang.String,%20java.lang.String,%20java.io.File))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) suffix, [File](http://docs.google.com/java/io/File.html) directory)             Creates a new empty file in the specified directory, using the given prefix and suffix strings to generate its name. |
| boolean | **File.**[**renameTo**](http://docs.google.com/java/io/File.html#renameTo(java.io.File))([File](http://docs.google.com/java/io/File.html) dest)            Renames the file denoted by this abstract pathname. |

| Constructors in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**File**](http://docs.google.com/java/io/File.html#File(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) parent, [String](http://docs.google.com/java/lang/String.html) child)            Creates a new File instance from a parent abstract pathname and a child pathname string. |
| [**FileInputStream**](http://docs.google.com/java/io/FileInputStream.html#FileInputStream(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a FileInputStream by opening a connection to an actual file, the file named by the File object file in the file system. |
| [**FileOutputStream**](http://docs.google.com/java/io/FileOutputStream.html#FileOutputStream(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a file output stream to write to the file represented by the specified File object. |
| [**FileOutputStream**](http://docs.google.com/java/io/FileOutputStream.html#FileOutputStream(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) file, boolean append)            Creates a file output stream to write to the file represented by the specified File object. |
| [**FileReader**](http://docs.google.com/java/io/FileReader.html#FileReader(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a new FileReader, given the File to read from. |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Constructs a FileWriter object given a File object. |
| [**FileWriter**](http://docs.google.com/java/io/FileWriter.html#FileWriter(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) file, boolean append)            Constructs a FileWriter object given a File object. |
| [**PrintStream**](http://docs.google.com/java/io/PrintStream.html#PrintStream(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a new print stream, without automatic line flushing, with the specified file. |
| [**PrintStream**](http://docs.google.com/java/io/PrintStream.html#PrintStream(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) file, [String](http://docs.google.com/java/lang/String.html) csn)            Creates a new print stream, without automatic line flushing, with the specified file and charset. |
| [**PrintWriter**](http://docs.google.com/java/io/PrintWriter.html#PrintWriter(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a new PrintWriter, without automatic line flushing, with the specified file. |
| [**PrintWriter**](http://docs.google.com/java/io/PrintWriter.html#PrintWriter(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) file, [String](http://docs.google.com/java/lang/String.html) csn)            Creates a new PrintWriter, without automatic line flushing, with the specified file and charset. |
| [**RandomAccessFile**](http://docs.google.com/java/io/RandomAccessFile.html#RandomAccessFile(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) file, [String](http://docs.google.com/java/lang/String.html) mode)            Creates a random access file stream to read from, and optionally to write to, the file specified by the [File](http://docs.google.com/java/io/File.html) argument. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
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| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [File](http://docs.google.com/java/io/File.html) | **ProcessBuilder.**[**directory**](http://docs.google.com/java/lang/ProcessBuilder.html#directory())()            Returns this process builder's working directory. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [ProcessBuilder](http://docs.google.com/java/lang/ProcessBuilder.html) | **ProcessBuilder.**[**directory**](http://docs.google.com/java/lang/ProcessBuilder.html#directory(java.io.File))([File](http://docs.google.com/java/io/File.html) directory)            Sets this process builder's working directory. |
| [Process](http://docs.google.com/java/lang/Process.html) | **Runtime.**[**exec**](http://docs.google.com/java/lang/Runtime.html#exec(java.lang.String%5B%5D,%20java.lang.String%5B%5D,%20java.io.File))([String](http://docs.google.com/java/lang/String.html)[] cmdarray, [String](http://docs.google.com/java/lang/String.html)[] envp, [File](http://docs.google.com/java/io/File.html) dir)            Executes the specified command and arguments in a separate process with the specified environment and working directory. |
| [Process](http://docs.google.com/java/lang/Process.html) | **Runtime.**[**exec**](http://docs.google.com/java/lang/Runtime.html#exec(java.lang.String,%20java.lang.String%5B%5D,%20java.io.File))([String](http://docs.google.com/java/lang/String.html) command, [String](http://docs.google.com/java/lang/String.html)[] envp, [File](http://docs.google.com/java/io/File.html) dir)            Executes the specified string command in a separate process with the specified environment and working directory. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
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| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| static [KeyStore.Builder](http://docs.google.com/java/security/KeyStore.Builder.html) | **KeyStore.Builder.**[**newInstance**](http://docs.google.com/java/security/KeyStore.Builder.html#newInstance(java.lang.String,%20java.security.Provider,%20java.io.File,%20java.security.KeyStore.ProtectionParameter))([String](http://docs.google.com/java/lang/String.html) type, [Provider](http://docs.google.com/java/security/Provider.html) provider, [File](http://docs.google.com/java/io/File.html) file, [KeyStore.ProtectionParameter](http://docs.google.com/java/security/KeyStore.ProtectionParameter.html) protection)            Returns a new Builder object. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.util](http://docs.google.com/java/util/package-summary.html) | |
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| Constructors in [java.util](http://docs.google.com/java/util/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**Formatter**](http://docs.google.com/java/util/Formatter.html#Formatter(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Constructs a new formatter with the specified file. |
| [**Formatter**](http://docs.google.com/java/util/Formatter.html#Formatter(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) file, [String](http://docs.google.com/java/lang/String.html) csn)            Constructs a new formatter with the specified file and charset. |
| [**Formatter**](http://docs.google.com/java/util/Formatter.html#Formatter(java.io.File,%20java.lang.String,%20java.util.Locale))([File](http://docs.google.com/java/io/File.html) file, [String](http://docs.google.com/java/lang/String.html) csn, [Locale](http://docs.google.com/java/util/Locale.html) l)            Constructs a new formatter with the specified file, charset, and locale. |
| [**Scanner**](http://docs.google.com/java/util/Scanner.html#Scanner(java.io.File))([File](http://docs.google.com/java/io/File.html) source)            Constructs a new Scanner that produces values scanned from the specified file. |
| [**Scanner**](http://docs.google.com/java/util/Scanner.html#Scanner(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) source, [String](http://docs.google.com/java/lang/String.html) charsetName)            Constructs a new Scanner that produces values scanned from the specified file. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) | |
| --- | --- |

| Methods in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| void | **Pack200.Unpacker.**[**unpack**](http://docs.google.com/java/util/jar/Pack200.Unpacker.html#unpack(java.io.File,%20java.util.jar.JarOutputStream))([File](http://docs.google.com/java/io/File.html) in, [JarOutputStream](http://docs.google.com/java/util/jar/JarOutputStream.html) out)            Read a Pack200 archive, and write the encoded JAR to a JarOutputStream. |

| Constructors in [java.util.jar](http://docs.google.com/java/util/jar/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a new JarFile to read from the specified File object. |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) file, boolean verify)            Creates a new JarFile to read from the specified File object. |
| [**JarFile**](http://docs.google.com/java/util/jar/JarFile.html#JarFile(java.io.File,%20boolean,%20int))([File](http://docs.google.com/java/io/File.html) file, boolean verify, int mode)            Creates a new JarFile to read from the specified File object in the specified mode. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) | |
| --- | --- |

| Constructors in [java.util.zip](http://docs.google.com/java/util/zip/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**ZipFile**](http://docs.google.com/java/util/zip/ZipFile.html#ZipFile(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Opens a ZIP file for reading given the specified File object. |
| [**ZipFile**](http://docs.google.com/java/util/zip/ZipFile.html#ZipFile(java.io.File,%20int))([File](http://docs.google.com/java/io/File.html) file, int mode)            Opens a new ZipFile to read from the specified File object in the specified mode. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) | |
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| Methods in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [File](http://docs.google.com/java/io/File.html) | **FileDataSource.**[**getFile**](http://docs.google.com/javax/activation/FileDataSource.html#getFile())()            Return the File object that corresponds to this FileDataSource. |

| Methods in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | **MimetypesFileTypeMap.**[**getContentType**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#getContentType(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Return the MIME type of the file object. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | **FileTypeMap.**[**getContentType**](http://docs.google.com/javax/activation/FileTypeMap.html#getContentType(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Return the type of the file object. |

| Constructors in [javax.activation](http://docs.google.com/javax/activation/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**FileDataSource**](http://docs.google.com/javax/activation/FileDataSource.html#FileDataSource(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Creates a FileDataSource from a File object. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) | |
| --- | --- |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| static [File](http://docs.google.com/java/io/File.html) | **ImageIO.**[**getCacheDirectory**](http://docs.google.com/javax/imageio/ImageIO.html#getCacheDirectory())()            Returns the current value set by setCacheDirectory, or null if no explicit setting has been made. |

| Methods in [javax.imageio](http://docs.google.com/javax/imageio/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| static [BufferedImage](http://docs.google.com/java/awt/image/BufferedImage.html) | **ImageIO.**[**read**](http://docs.google.com/javax/imageio/ImageIO.html#read(java.io.File))([File](http://docs.google.com/java/io/File.html) input)            Returns a BufferedImage as the result of decoding a supplied File with an ImageReader chosen automatically from among those currently registered. |
| static void | **ImageIO.**[**setCacheDirectory**](http://docs.google.com/javax/imageio/ImageIO.html#setCacheDirectory(java.io.File))([File](http://docs.google.com/java/io/File.html) cacheDirectory)            Sets the directory where cache files are to be created. |
| static boolean | **ImageIO.**[**write**](http://docs.google.com/javax/imageio/ImageIO.html#write(java.awt.image.RenderedImage,%20java.lang.String,%20java.io.File))([RenderedImage](http://docs.google.com/java/awt/image/RenderedImage.html) im, [String](http://docs.google.com/java/lang/String.html) formatName, [File](http://docs.google.com/java/io/File.html) output)            Writes an image using an arbitrary ImageWriter that supports the given format to a File. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) | |
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| Methods in [javax.imageio.spi](http://docs.google.com/javax/imageio/spi/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
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| abstract  [ImageInputStream](http://docs.google.com/javax/imageio/stream/ImageInputStream.html) | **ImageInputStreamSpi.**[**createInputStreamInstance**](http://docs.google.com/javax/imageio/spi/ImageInputStreamSpi.html#createInputStreamInstance(java.lang.Object,%20boolean,%20java.io.File))([Object](http://docs.google.com/java/lang/Object.html) input, boolean useCache, [File](http://docs.google.com/java/io/File.html) cacheDir)            Returns an instance of the ImageInputStream implementation associated with this service provider. |
| abstract  [ImageOutputStream](http://docs.google.com/javax/imageio/stream/ImageOutputStream.html) | **ImageOutputStreamSpi.**[**createOutputStreamInstance**](http://docs.google.com/javax/imageio/spi/ImageOutputStreamSpi.html#createOutputStreamInstance(java.lang.Object,%20boolean,%20java.io.File))([Object](http://docs.google.com/java/lang/Object.html) output, boolean useCache, [File](http://docs.google.com/java/io/File.html) cacheDir)            Returns an instance of the ImageOutputStream implementation associated with this service provider. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) | |
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| Constructors in [javax.imageio.stream](http://docs.google.com/javax/imageio/stream/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**FileCacheImageInputStream**](http://docs.google.com/javax/imageio/stream/FileCacheImageInputStream.html#FileCacheImageInputStream(java.io.InputStream,%20java.io.File))([InputStream](http://docs.google.com/java/io/InputStream.html) stream, [File](http://docs.google.com/java/io/File.html) cacheDir)            Constructs a FileCacheImageInputStream that will read from a given InputStream. |
| [**FileCacheImageOutputStream**](http://docs.google.com/javax/imageio/stream/FileCacheImageOutputStream.html#FileCacheImageOutputStream(java.io.OutputStream,%20java.io.File))([OutputStream](http://docs.google.com/java/io/OutputStream.html) stream, [File](http://docs.google.com/java/io/File.html) cacheDir)            Constructs a FileCacheImageOutputStream that will write to a given outputStream. |
| [**FileImageInputStream**](http://docs.google.com/javax/imageio/stream/FileImageInputStream.html#FileImageInputStream(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Constructs a FileImageInputStream that will read from a given File. |
| [**FileImageOutputStream**](http://docs.google.com/javax/imageio/stream/FileImageOutputStream.html#FileImageOutputStream(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Constructs a FileImageOutputStream that will write to a given File. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) | |
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| Methods in [javax.sound.midi](http://docs.google.com/javax/sound/midi/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
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| static [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiSystem.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getMidiFileFormat(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains the MIDI file format of the specified File. |
| static [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiSystem.**[**getSequence**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSequence(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains a MIDI sequence from the specified File. |
| static [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **MidiSystem.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/MidiSystem.html#getSoundbank(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Constructs a Soundbank by reading it from the specified File. |
| static int | **MidiSystem.**[**write**](http://docs.google.com/javax/sound/midi/MidiSystem.html#write(javax.sound.midi.Sequence,%20int,%20java.io.File))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in, int type, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing a file of the MIDI file type indicated to the external file provided. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) | |
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| Methods in [javax.sound.midi.spi](http://docs.google.com/javax/sound/midi/spi/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| abstract  [MidiFileFormat](http://docs.google.com/javax/sound/midi/MidiFileFormat.html) | **MidiFileReader.**[**getMidiFileFormat**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getMidiFileFormat(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains the MIDI file format of the File provided. |
| abstract  [Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) | **MidiFileReader.**[**getSequence**](http://docs.google.com/javax/sound/midi/spi/MidiFileReader.html#getSequence(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains a MIDI sequence from the File provided. |
| abstract  [Soundbank](http://docs.google.com/javax/sound/midi/Soundbank.html) | **SoundbankReader.**[**getSoundbank**](http://docs.google.com/javax/sound/midi/spi/SoundbankReader.html#getSoundbank(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains a soundbank object from the File provided. |
| abstract  int | **MidiFileWriter.**[**write**](http://docs.google.com/javax/sound/midi/spi/MidiFileWriter.html#write(javax.sound.midi.Sequence,%20int,%20java.io.File))([Sequence](http://docs.google.com/javax/sound/midi/Sequence.html) in, int fileType, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing a MIDI file of the file type indicated to the external file provided. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) | |
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| Methods in [javax.sound.sampled](http://docs.google.com/javax/sound/sampled/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| static [AudioFileFormat](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html) | **AudioSystem.**[**getAudioFileFormat**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#getAudioFileFormat(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains the audio file format of the specified File. |
| static [AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) | **AudioSystem.**[**getAudioInputStream**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#getAudioInputStream(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains an audio input stream from the provided File. |
| static int | **AudioSystem.**[**write**](http://docs.google.com/javax/sound/sampled/AudioSystem.html#write(javax.sound.sampled.AudioInputStream,%20javax.sound.sampled.AudioFileFormat.Type,%20java.io.File))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream, [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing an audio file of the specified file type to the external file provided. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) | |
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| Methods in [javax.sound.sampled.spi](http://docs.google.com/javax/sound/sampled/spi/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| abstract  [AudioFileFormat](http://docs.google.com/javax/sound/sampled/AudioFileFormat.html) | **AudioFileReader.**[**getAudioFileFormat**](http://docs.google.com/javax/sound/sampled/spi/AudioFileReader.html#getAudioFileFormat(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains the audio file format of the File provided. |
| abstract  [AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) | **AudioFileReader.**[**getAudioInputStream**](http://docs.google.com/javax/sound/sampled/spi/AudioFileReader.html#getAudioInputStream(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Obtains an audio input stream from the File provided. |
| abstract  int | **AudioFileWriter.**[**write**](http://docs.google.com/javax/sound/sampled/spi/AudioFileWriter.html#write(javax.sound.sampled.AudioInputStream,%20javax.sound.sampled.AudioFileFormat.Type,%20java.io.File))([AudioInputStream](http://docs.google.com/javax/sound/sampled/AudioInputStream.html) stream, [AudioFileFormat.Type](http://docs.google.com/javax/sound/sampled/AudioFileFormat.Type.html) fileType, [File](http://docs.google.com/java/io/File.html) out)            Writes a stream of bytes representing an audio file of the file format indicated to the external file provided. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
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| [File](http://docs.google.com/java/io/File.html) | **JFileChooser.**[**getCurrentDirectory**](http://docs.google.com/javax/swing/JFileChooser.html#getCurrentDirectory())()            Returns the current directory. |
| [File](http://docs.google.com/java/io/File.html) | **JFileChooser.**[**getSelectedFile**](http://docs.google.com/javax/swing/JFileChooser.html#getSelectedFile())()            Returns the selected file. |
| [File](http://docs.google.com/java/io/File.html)[] | **JFileChooser.**[**getSelectedFiles**](http://docs.google.com/javax/swing/JFileChooser.html#getSelectedFiles())()            Returns a list of selected files if the file chooser is set to allow multiple selection. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| boolean | **JFileChooser.**[**accept**](http://docs.google.com/javax/swing/JFileChooser.html#accept(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns true if the file should be displayed. |
| void | **JFileChooser.**[**ensureFileIsVisible**](http://docs.google.com/javax/swing/JFileChooser.html#ensureFileIsVisible(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Makes sure that the specified file is viewable, and not hidden. |
| [String](http://docs.google.com/java/lang/String.html) | **JFileChooser.**[**getDescription**](http://docs.google.com/javax/swing/JFileChooser.html#getDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns the file description. |
| [Icon](http://docs.google.com/javax/swing/Icon.html) | **JFileChooser.**[**getIcon**](http://docs.google.com/javax/swing/JFileChooser.html#getIcon(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns the icon for this file or type of file, depending on the system. |
| [String](http://docs.google.com/java/lang/String.html) | **JFileChooser.**[**getName**](http://docs.google.com/javax/swing/JFileChooser.html#getName(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns the filename. |
| [String](http://docs.google.com/java/lang/String.html) | **JFileChooser.**[**getTypeDescription**](http://docs.google.com/javax/swing/JFileChooser.html#getTypeDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns the file type. |
| boolean | **JFileChooser.**[**isTraversable**](http://docs.google.com/javax/swing/JFileChooser.html#isTraversable(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns true if the file (directory) can be visited. |
| void | **JFileChooser.**[**setCurrentDirectory**](http://docs.google.com/javax/swing/JFileChooser.html#setCurrentDirectory(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Sets the current directory. |
| void | **JFileChooser.**[**setSelectedFile**](http://docs.google.com/javax/swing/JFileChooser.html#setSelectedFile(java.io.File))([File](http://docs.google.com/java/io/File.html) file)            Sets the selected file. |
| void | **JFileChooser.**[**setSelectedFiles**](http://docs.google.com/javax/swing/JFileChooser.html#setSelectedFiles(java.io.File%5B%5D))([File](http://docs.google.com/java/io/File.html)[] selectedFiles)            Sets the list of selected files if the file chooser is set to allow multiple selection. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**JFileChooser**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(java.io.File))([File](http://docs.google.com/java/io/File.html) currentDirectory)            Constructs a JFileChooser using the given File as the path. |
| [**JFileChooser**](http://docs.google.com/javax/swing/JFileChooser.html#JFileChooser(java.io.File,%20javax.swing.filechooser.FileSystemView))([File](http://docs.google.com/java/io/File.html) currentDirectory, [FileSystemView](http://docs.google.com/javax/swing/filechooser/FileSystemView.html) fsv)            Constructs a JFileChooser using the given current directory and FileSystemView. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.swing.filechooser](http://docs.google.com/javax/swing/filechooser/package-summary.html) | |
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| Methods in [javax.swing.filechooser](http://docs.google.com/javax/swing/filechooser/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createFileObject**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createFileObject(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) dir, [String](http://docs.google.com/java/lang/String.html) filename)            Returns a File object constructed in dir from the given filename. |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createFileObject**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createFileObject(java.lang.String))([String](http://docs.google.com/java/lang/String.html) path)            Returns a File object constructed from the given path string. |
| protected  [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createFileSystemRoot**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createFileSystemRoot(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Creates a new File object for f with correct behavior for a file system root directory. |
| abstract  [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createNewFolder**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createNewFolder(java.io.File))([File](http://docs.google.com/java/io/File.html) containingDir)            Creates a new folder with a default folder name. |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**getChild**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getChild(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) parent, [String](http://docs.google.com/java/lang/String.html) fileName) |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**getDefaultDirectory**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getDefaultDirectory())()            Return the user's default starting directory for the file chooser. |
| [File](http://docs.google.com/java/io/File.html)[] | **FileSystemView.**[**getFiles**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getFiles(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) dir, boolean useFileHiding)            Gets the list of shown (i.e. |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**getHomeDirectory**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getHomeDirectory())() |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**getParentDirectory**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getParentDirectory(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Returns the parent directory of dir. |
| [File](http://docs.google.com/java/io/File.html)[] | **FileSystemView.**[**getRoots**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getRoots())()            Returns all root partitions on this system. |

| Methods in [javax.swing.filechooser](http://docs.google.com/javax/swing/filechooser/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| boolean | **FileNameExtensionFilter.**[**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. |
| abstract  boolean | **FileFilter.**[**accept**](http://docs.google.com/javax/swing/filechooser/FileFilter.html#accept(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Whether the given file is accepted by this filter. |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createFileObject**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createFileObject(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) dir, [String](http://docs.google.com/java/lang/String.html) filename)            Returns a File object constructed in dir from the given filename. |
| protected  [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createFileSystemRoot**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createFileSystemRoot(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Creates a new File object for f with correct behavior for a file system root directory. |
| abstract  [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**createNewFolder**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#createNewFolder(java.io.File))([File](http://docs.google.com/java/io/File.html) containingDir)            Creates a new folder with a default folder name. |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**getChild**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getChild(java.io.File,%20java.lang.String))([File](http://docs.google.com/java/io/File.html) parent, [String](http://docs.google.com/java/lang/String.html) fileName) |
| [String](http://docs.google.com/java/lang/String.html) | **FileView.**[**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. |
| [File](http://docs.google.com/java/io/File.html)[] | **FileSystemView.**[**getFiles**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getFiles(java.io.File,%20boolean))([File](http://docs.google.com/java/io/File.html) dir, boolean useFileHiding)            Gets the list of shown (i.e. |
| [Icon](http://docs.google.com/javax/swing/Icon.html) | **FileView.**[**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) | **FileView.**[**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. |
| [File](http://docs.google.com/java/io/File.html) | **FileSystemView.**[**getParentDirectory**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getParentDirectory(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Returns the parent directory of dir. |
| [String](http://docs.google.com/java/lang/String.html) | **FileSystemView.**[**getSystemDisplayName**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getSystemDisplayName(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Name of a file, directory, or folder as it would be displayed in a system file browser. |
| [Icon](http://docs.google.com/javax/swing/Icon.html) | **FileSystemView.**[**getSystemIcon**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getSystemIcon(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Icon for a file, directory, or folder as it would be displayed in a system file browser. |
| [String](http://docs.google.com/java/lang/String.html) | **FileSystemView.**[**getSystemTypeDescription**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#getSystemTypeDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Type description for a file, directory, or folder as it would be displayed in a system file browser. |
| [String](http://docs.google.com/java/lang/String.html) | **FileView.**[**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 | **FileSystemView.**[**isComputerNode**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isComputerNode(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Used by UI classes to decide whether to display a special icon for a computer node, e.g. |
| boolean | **FileSystemView.**[**isDrive**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isDrive(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Used by UI classes to decide whether to display a special icon for drives or partitions, e.g. |
| boolean | **FileSystemView.**[**isFileSystem**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isFileSystem(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Checks if f represents a real directory or file as opposed to a special folder such as "Desktop". |
| boolean | **FileSystemView.**[**isFileSystemRoot**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isFileSystemRoot(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Is dir the root of a tree in the file system, such as a drive or partition. |
| boolean | **FileSystemView.**[**isFloppyDrive**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isFloppyDrive(java.io.File))([File](http://docs.google.com/java/io/File.html) dir)            Used by UI classes to decide whether to display a special icon for a floppy disk. |
| boolean | **FileSystemView.**[**isHiddenFile**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isHiddenFile(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns whether a file is hidden or not. |
| boolean | **FileSystemView.**[**isParent**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isParent(java.io.File,%20java.io.File))([File](http://docs.google.com/java/io/File.html) folder, [File](http://docs.google.com/java/io/File.html) file)            On Windows, a file can appear in multiple folders, other than its parent directory in the filesystem. |
| boolean | **FileSystemView.**[**isRoot**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isRoot(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Determines if the given file is a root in the navigatable tree(s). |
| [Boolean](http://docs.google.com/java/lang/Boolean.html) | **FileSystemView.**[**isTraversable**](http://docs.google.com/javax/swing/filechooser/FileSystemView.html#isTraversable(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Returns true if the file (directory) can be visited. |
| [Boolean](http://docs.google.com/java/lang/Boolean.html) | **FileView.**[**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. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) | |
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| Methods in [javax.swing.plaf](http://docs.google.com/javax/swing/plaf/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| abstract  void | **FileChooserUI.**[**ensureFileIsVisible**](http://docs.google.com/javax/swing/plaf/FileChooserUI.html#ensureFileIsVisible(javax.swing.JFileChooser,%20java.io.File))([JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) fc, [File](http://docs.google.com/java/io/File.html) f) |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
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| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with type parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| protected  [Hashtable](http://docs.google.com/java/util/Hashtable.html)<[File](http://docs.google.com/java/io/File.html),[Icon](http://docs.google.com/javax/swing/Icon.html)> | **BasicFileChooserUI.BasicFileView.**[**iconCache**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#iconCache) |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| protected  [File](http://docs.google.com/java/io/File.html) | **BasicFileChooserUI.**[**getDirectory**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#getDirectory())()            Property to remember the directory that is currently selected in the UI. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return types with arguments of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Vector](http://docs.google.com/java/util/Vector.html)<[File](http://docs.google.com/java/io/File.html)> | **BasicDirectoryModel.**[**getDirectories**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#getDirectories())() |
| [Vector](http://docs.google.com/java/util/Vector.html)<[File](http://docs.google.com/java/io/File.html)> | **BasicDirectoryModel.**[**getFiles**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#getFiles())() |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| boolean | **BasicFileChooserUI.AcceptAllFileFilter.**[**accept**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.AcceptAllFileFilter.html#accept(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| void | **BasicFileChooserUI.BasicFileView.**[**cacheIcon**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#cacheIcon(java.io.File,%20javax.swing.Icon))([File](http://docs.google.com/java/io/File.html) f, [Icon](http://docs.google.com/javax/swing/Icon.html) i) |
| void | **BasicFileChooserUI.**[**ensureFileIsVisible**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#ensureFileIsVisible(javax.swing.JFileChooser,%20java.io.File))([JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) fc, [File](http://docs.google.com/java/io/File.html) f) |
| [Icon](http://docs.google.com/javax/swing/Icon.html) | **BasicFileChooserUI.BasicFileView.**[**getCachedIcon**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#getCachedIcon(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| [String](http://docs.google.com/java/lang/String.html) | **BasicFileChooserUI.BasicFileView.**[**getDescription**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#getDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| [Icon](http://docs.google.com/javax/swing/Icon.html) | **BasicFileChooserUI.BasicFileView.**[**getIcon**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#getIcon(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| [String](http://docs.google.com/java/lang/String.html) | **BasicFileChooserUI.BasicFileView.**[**getName**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#getName(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| [String](http://docs.google.com/java/lang/String.html) | **BasicFileChooserUI.BasicFileView.**[**getTypeDescription**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#getTypeDescription(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| [Boolean](http://docs.google.com/java/lang/Boolean.html) | **BasicFileChooserUI.BasicFileView.**[**isHidden**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.BasicFileView.html#isHidden(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |
| protected  boolean | **BasicDirectoryModel.**[**lt**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#lt(java.io.File,%20java.io.File))([File](http://docs.google.com/java/io/File.html) a, [File](http://docs.google.com/java/io/File.html) b) |
| boolean | **BasicDirectoryModel.**[**renameFile**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#renameFile(java.io.File,%20java.io.File))([File](http://docs.google.com/java/io/File.html) oldFile, [File](http://docs.google.com/java/io/File.html) newFile)            Renames a file in the underlying file system. |
| protected  void | **BasicFileChooserUI.**[**setDirectory**](http://docs.google.com/javax/swing/plaf/basic/BasicFileChooserUI.html#setDirectory(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Property to remember the directory that is currently selected in the UI. |

| Method parameters in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) with type arguments of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| protected  void | **BasicDirectoryModel.**[**sort**](http://docs.google.com/javax/swing/plaf/basic/BasicDirectoryModel.html#sort(java.util.Vector))([Vector](http://docs.google.com/java/util/Vector.html)<? extends [File](http://docs.google.com/java/io/File.html)> v) |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) | |
| --- | --- |

| Methods in [javax.swing.plaf.metal](http://docs.google.com/javax/swing/plaf/metal/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| void | **MetalFileChooserUI.**[**ensureFileIsVisible**](http://docs.google.com/javax/swing/plaf/metal/MetalFileChooserUI.html#ensureFileIsVisible(javax.swing.JFileChooser,%20java.io.File))([JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) fc, [File](http://docs.google.com/java/io/File.html) f) |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) | |
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| Methods in [javax.swing.plaf.multi](http://docs.google.com/javax/swing/plaf/multi/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| void | **MultiFileChooserUI.**[**ensureFileIsVisible**](http://docs.google.com/javax/swing/plaf/multi/MultiFileChooserUI.html#ensureFileIsVisible(javax.swing.JFileChooser,%20java.io.File))([JFileChooser](http://docs.google.com/javax/swing/JFileChooser.html) a, [File](http://docs.google.com/java/io/File.html) b)            Invokes the ensureFileIsVisible method on each UI handled by this object. |

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

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that return types with arguments of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> | **StandardJavaFileManager.**[**getLocation**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getLocation(javax.tools.JavaFileManager.Location))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location)            Gets the path associated with the given location. |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjects**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjects(java.io.File...))([File](http://docs.google.com/java/io/File.html)... files)            Gets file objects representing the given files. |

| Method parameters in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) with type arguments of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html)> | **StandardJavaFileManager.**[**getJavaFileObjectsFromFiles**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#getJavaFileObjectsFromFiles(java.lang.Iterable))([Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> files)            Gets file objects representing the given files. |
| void | **StandardJavaFileManager.**[**setLocation**](http://docs.google.com/javax/tools/StandardJavaFileManager.html#setLocation(javax.tools.JavaFileManager.Location,%20java.lang.Iterable))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [Iterable](http://docs.google.com/java/lang/Iterable.html)<? extends [File](http://docs.google.com/java/io/File.html)> path)            Associates the given path with the given location. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind](http://docs.google.com/javax/xml/bind/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **Unmarshaller.**[**unmarshal**](http://docs.google.com/javax/xml/bind/Unmarshaller.html#unmarshal(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Unmarshal XML data from the specified file and return the resulting content tree. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.bind.helpers](http://docs.google.com/javax/xml/bind/helpers/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Object](http://docs.google.com/java/lang/Object.html) | **AbstractUnmarshallerImpl.**[**unmarshal**](http://docs.google.com/javax/xml/bind/helpers/AbstractUnmarshallerImpl.html#unmarshal(java.io.File))([File](http://docs.google.com/java/io/File.html) f) |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.xml.parsers](http://docs.google.com/javax/xml/parsers/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.parsers](http://docs.google.com/javax/xml/parsers/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Document](http://docs.google.com/org/w3c/dom/Document.html) | **DocumentBuilder.**[**parse**](http://docs.google.com/javax/xml/parsers/DocumentBuilder.html#parse(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Parse the content of the given file as an XML document and return a new DOM [Document](http://docs.google.com/org/w3c/dom/Document.html) object. |
| void | **SAXParser.**[**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.File,%20org.xml.sax.helpers.DefaultHandler))([File](http://docs.google.com/java/io/File.html) f, [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html) dh)            Parse the content of the file specified as XML using the specified [DefaultHandler](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html). |
| void | **SAXParser.**[**parse**](http://docs.google.com/javax/xml/parsers/SAXParser.html#parse(java.io.File,%20org.xml.sax.HandlerBase))([File](http://docs.google.com/java/io/File.html) f, [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html) hb)            Parse the content of the file specified as XML using the specified [HandlerBase](http://docs.google.com/org/xml/sax/HandlerBase.html). |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| void | **StreamSource.**[**setSystemId**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#setSystemId(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Set the system ID from a File reference. |
| void | **StreamResult.**[**setSystemId**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#setSystemId(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Set the system ID from a File reference. |

| Constructors in [javax.xml.transform.stream](http://docs.google.com/javax/xml/transform/stream/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [**StreamResult**](http://docs.google.com/javax/xml/transform/stream/StreamResult.html#StreamResult(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Construct a StreamResult from a File. |
| [**StreamSource**](http://docs.google.com/javax/xml/transform/stream/StreamSource.html#StreamSource(java.io.File))([File](http://docs.google.com/java/io/File.html) f)            Construct a StreamSource from a File. |

| Uses of [File](http://docs.google.com/java/io/File.html) in [javax.xml.validation](http://docs.google.com/javax/xml/validation/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.validation](http://docs.google.com/javax/xml/validation/package-summary.html) with parameters of type [File](http://docs.google.com/java/io/File.html) | |
| --- | --- |
| [Schema](http://docs.google.com/javax/xml/validation/Schema.html) | **SchemaFactory.**[**newSchema**](http://docs.google.com/javax/xml/validation/SchemaFactory.html#newSchema(java.io.File))([File](http://docs.google.com/java/io/File.html) schema)            Parses the specified File as a schema and returns it as a Schema. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/io/File.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?java/io//class-useFile.html)    [**NO FRAMES**](http://docs.google.com/File.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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