| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MimetypesFileTypeMap.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/activation/MimeTypeParseException.html)   [**NEXT CLASS**](http://docs.google.com/javax/activation/UnsupportedDataTypeException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/activation/MimetypesFileTypeMap.html)    [**NO FRAMES**](http://docs.google.com/MimetypesFileTypeMap.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#3rdcrjn) |

## **javax.activation**

Class MimetypesFileTypeMap

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.activation.FileTypeMap](http://docs.google.com/javax/activation/FileTypeMap.html)  
 **javax.activation.MimetypesFileTypeMap**

public class **MimetypesFileTypeMap**extends [FileTypeMap](http://docs.google.com/javax/activation/FileTypeMap.html)

This class extends FileTypeMap and provides data typing of files via their file extension. It uses the .mime.types format.

**MIME types file search order:**

The MimetypesFileTypeMap looks in various places in the user's system for MIME types file entries. When requests are made to search for MIME types in the MimetypesFileTypeMap, it searches MIME types files in the following order:

1. Programmatically added entries to the MimetypesFileTypeMap instance.
2. The file .mime.types in the user's home directory.
3. The file <*java.home*>/lib/mime.types.
4. The file or resources named META-INF/mime.types.
5. The file or resource named META-INF/mimetypes.default (usually found only in the activation.jar file).

**MIME types file format:**

# comments begin with a '#'

# the format is <mime type> <space separated file extensions>

# for example:

text/plain txt text TXT

# this would map file.txt, file.text, and file.TXT to

# the mime type "text/plain"

**Since:** 1.6

| **Constructor Summary** | |
| --- | --- |
| [**MimetypesFileTypeMap**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#MimetypesFileTypeMap())()            The default constructor. |
| [**MimetypesFileTypeMap**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#MimetypesFileTypeMap(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) is)            Construct a MimetypesFileTypeMap with programmatic entries added from the InputStream. |
| [**MimetypesFileTypeMap**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#MimetypesFileTypeMap(java.lang.String))([String](http://docs.google.com/java/lang/String.html) mimeTypeFileName)            Construct a MimetypesFileTypeMap with programmatic entries added from the named file. |

| **Method Summary** | |
| --- | --- |
| void | [**addMimeTypes**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#addMimeTypes(java.lang.String))([String](http://docs.google.com/java/lang/String.html) mime\_types)            Prepend the MIME type values to the registry. |
| [String](http://docs.google.com/java/lang/String.html) | [**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. |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentType**](http://docs.google.com/javax/activation/MimetypesFileTypeMap.html#getContentType(java.lang.String))([String](http://docs.google.com/java/lang/String.html) filename)            Return the MIME type based on the specified file name. |

| **Methods inherited from class javax.activation.**[**FileTypeMap**](http://docs.google.com/javax/activation/FileTypeMap.html) |
| --- |
| [getDefaultFileTypeMap](http://docs.google.com/javax/activation/FileTypeMap.html#getDefaultFileTypeMap()), [setDefaultFileTypeMap](http://docs.google.com/javax/activation/FileTypeMap.html#setDefaultFileTypeMap(javax.activation.FileTypeMap)) |

| **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** |
| --- |

### MimetypesFileTypeMap

public **MimetypesFileTypeMap**()

The default constructor.

### MimetypesFileTypeMap

public **MimetypesFileTypeMap**([String](http://docs.google.com/java/lang/String.html) mimeTypeFileName)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Construct a MimetypesFileTypeMap with programmatic entries added from the named file.

**Parameters:**mimeTypeFileName - the file name **Throws:** [IOException](http://docs.google.com/java/io/IOException.html)

### MimetypesFileTypeMap

public **MimetypesFileTypeMap**([InputStream](http://docs.google.com/java/io/InputStream.html) is)

Construct a MimetypesFileTypeMap with programmatic entries added from the InputStream.

**Parameters:**is - the input stream to read from

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

### addMimeTypes

public void **addMimeTypes**([String](http://docs.google.com/java/lang/String.html) mime\_types)

Prepend the MIME type values to the registry.

**Parameters:**mime\_types - A .mime.types formatted string of entries.

### getContentType

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

Return the MIME type of the file object. The implementation in this class calls getContentType(f.getName()).

**Specified by:**[getContentType](http://docs.google.com/javax/activation/FileTypeMap.html#getContentType(java.io.File)) in class [FileTypeMap](http://docs.google.com/javax/activation/FileTypeMap.html) **Parameters:**f - the file **Returns:**the file's MIME type

### getContentType

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

Return the MIME type based on the specified file name. The MIME type entries are searched as described above under *MIME types file search order*. If no entry is found, the type "application/octet-stream" is returned.

**Specified by:**[getContentType](http://docs.google.com/javax/activation/FileTypeMap.html#getContentType(java.lang.String)) in class [FileTypeMap](http://docs.google.com/javax/activation/FileTypeMap.html) **Parameters:**filename - the file name **Returns:**the file's MIME type

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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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