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

## **javax.xml.soap**

Class MimeHeaders

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.soap.MimeHeaders**

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

A container for MimeHeader objects, which represent the MIME headers present in a MIME part of a message.

This class is used primarily when an application wants to retrieve specific attachments based on certain MIME headers and values. This class will most likely be used by implementations of AttachmentPart and other MIME dependent parts of the SAAJ API.

**See Also:**[SOAPMessage.getAttachments()](http://docs.google.com/javax/xml/soap/SOAPMessage.html#getAttachments()), [AttachmentPart](http://docs.google.com/javax/xml/soap/AttachmentPart.html)

| **Constructor Summary** | |
| --- | --- |
| [**MimeHeaders**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#MimeHeaders())()            Constructs a default MimeHeaders object initialized with an empty Vector object. |

| **Method Summary** | |
| --- | --- |
| void | [**addHeader**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#addHeader(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) value)            Adds a MimeHeader object with the specified name and value to this MimeHeaders object's list of headers. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getAllHeaders**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#getAllHeaders())()            Returns all the MimeHeaders in this MimeHeaders object. |
| [String](http://docs.google.com/java/lang/String.html)[] | [**getHeader**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#getHeader(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Returns all of the values for the specified header as an array of String objects. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getMatchingHeaders**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#getMatchingHeaders(java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] names)            Returns all the MimeHeader objects whose name matches a name in the given array of names. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getNonMatchingHeaders**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#getNonMatchingHeaders(java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] names)            Returns all of the MimeHeader objects whose name does not match a name in the given array of names. |
| void | [**removeAllHeaders**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#removeAllHeaders())()            Removes all the header entries from this MimeHeaders object. |
| void | [**removeHeader**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#removeHeader(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Remove all MimeHeader objects whose name matches the given name. |
| void | [**setHeader**](http://docs.google.com/javax/xml/soap/MimeHeaders.html#setHeader(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) value)            Replaces the current value of the first header entry whose name matches the given name with the given value, adding a new header if no existing header name matches. |

| **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** |
| --- |

### MimeHeaders

public **MimeHeaders**()

Constructs a default MimeHeaders object initialized with an empty Vector object.

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

### getHeader

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

Returns all of the values for the specified header as an array of String objects.

**Parameters:**name - the name of the header for which values will be returned **Returns:**a String array with all of the values for the specified header**See Also:**[setHeader(java.lang.String, java.lang.String)](http://docs.google.com/javax/xml/soap/MimeHeaders.html#setHeader(java.lang.String,%20java.lang.String))

### setHeader

public void **setHeader**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) value)

Replaces the current value of the first header entry whose name matches the given name with the given value, adding a new header if no existing header name matches. This method also removes all matching headers after the first one.

Note that RFC822 headers can contain only US-ASCII characters.

**Parameters:**name - a String with the name of the header for which to searchvalue - a String with the value that will replace the current value of the specified header **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem in the mime header name or the value being set**See Also:**[getHeader(java.lang.String)](http://docs.google.com/javax/xml/soap/MimeHeaders.html#getHeader(java.lang.String))

### addHeader

public void **addHeader**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) value)

Adds a MimeHeader object with the specified name and value to this MimeHeaders object's list of headers.

Note that RFC822 headers can contain only US-ASCII characters.

**Parameters:**name - a String with the name of the header to be addedvalue - a String with the value of the header to be added **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem in the mime header name or value being added

### removeHeader

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

Remove all MimeHeader objects whose name matches the given name.

**Parameters:**name - a String with the name of the header for which to search

### removeAllHeaders

public void **removeAllHeaders**()

Removes all the header entries from this MimeHeaders object.

### getAllHeaders

public [Iterator](http://docs.google.com/java/util/Iterator.html) **getAllHeaders**()

Returns all the MimeHeaders in this MimeHeaders object.

**Returns:**an Iterator object over this MimeHeaders object's list of MimeHeader objects

### getMatchingHeaders

public [Iterator](http://docs.google.com/java/util/Iterator.html) **getMatchingHeaders**([String](http://docs.google.com/java/lang/String.html)[] names)

Returns all the MimeHeader objects whose name matches a name in the given array of names.

**Parameters:**names - an array of String objects with the names for which to search **Returns:**an Iterator object over the MimeHeader objects whose name matches one of the names in the given list

### getNonMatchingHeaders

public [Iterator](http://docs.google.com/java/util/Iterator.html) **getNonMatchingHeaders**([String](http://docs.google.com/java/lang/String.html)[] names)

Returns all of the MimeHeader objects whose name does not match a name in the given array of names.

**Parameters:**names - an array of String objects with the names for which to search **Returns:**an Iterator object over the MimeHeader objects whose name does not match one of the names in the given list

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MimeHeaders.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/xml/soap/MimeHeader.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/Name.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/MimeHeaders.html)    [**NO FRAMES**](http://docs.google.com/MimeHeaders.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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