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

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

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

A single attachment to a SOAPMessage object. A SOAPMessage object may contain zero, one, or many AttachmentPart objects. Each AttachmentPart object consists of two parts, application-specific content and associated MIME headers. The MIME headers consists of name/value pairs that can be used to identify and describe the content.

An AttachmentPart object must conform to certain standards.

1. It must conform to  [MIME [RFC2045] standards](http://www.ietf.org/rfc/rfc2045.txt)
2. It MUST contain content
3. The header portion MUST include the following header:
   * Content-Type  
     This header identifies the type of data in the content of an AttachmentPart object and MUST conform to [RFC2045]. The following is an example of a Content-Type header:  
      Content-Type: application/xml  
      The following line of code, in which ap is an AttachmentPart object, sets the header shown in the previous example.  
      ap.setMimeHeader("Content-Type", "application/xml");

There are no restrictions on the content portion of an AttachmentPart object. The content may be anything from a simple plain text object to a complex XML document or image file.

An AttachmentPart object is created with the method SOAPMessage.createAttachmentPart. After setting its MIME headers, the AttachmentPart object is added to the message that created it with the method SOAPMessage.addAttachmentPart.

The following code fragment, in which m is a SOAPMessage object and contentStringl is a String, creates an instance of AttachmentPart, sets the AttachmentPart object with some content and header information, and adds the AttachmentPart object to the SOAPMessage object.

AttachmentPart ap1 = m.createAttachmentPart();  
 ap1.setContent(contentString1, "text/plain");  
 m.addAttachmentPart(ap1);

The following code fragment creates and adds a second AttachmentPart instance to the same message. jpegData is a binary byte buffer representing the jpeg file.

AttachmentPart ap2 = m.createAttachmentPart();  
 byte[] jpegData = ...;  
 ap2.setContent(new ByteArrayInputStream(jpegData), "image/jpeg");  
 m.addAttachmentPart(ap2);

The getContent method retrieves the contents and header from an AttachmentPart object. Depending on the DataContentHandler objects present, the returned Object can either be a typed Java object corresponding to the MIME type or an InputStream object that contains the content as bytes.

String content1 = ap1.getContent();  
 java.io.InputStream content2 = ap2.getContent();

The method clearContent removes all the content from an AttachmentPart object but does not affect its header information.

ap1.clearContent();

| **Constructor Summary** | |
| --- | --- |
| [**AttachmentPart**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#AttachmentPart())() |

| **Method Summary** | |
| --- | --- |
| abstract  void | [**addMimeHeader**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#addMimeHeader(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 MIME header with the specified name and value to this AttachmentPart object. |
| abstract  void | [**clearContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#clearContent())()            Clears out the content of this AttachmentPart object. |
| abstract  [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getAllMimeHeaders**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getAllMimeHeaders())()            Retrieves all the headers for this AttachmentPart object as an iterator over the MimeHeader objects. |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | [**getBase64Content**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getBase64Content())()            Returns an InputStream which can be used to obtain the content of AttachmentPart as Base64 encoded character data, this method would base64 encode the raw bytes of the attachment and return. |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | [**getContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContent())()            Gets the content of this AttachmentPart object as a Java object. |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentId**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContentId())()            Gets the value of the MIME header whose name is "Content-ID". |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentLocation**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContentLocation())()            Gets the value of the MIME header whose name is "Content-Location". |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentType**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContentType())()            Gets the value of the MIME header whose name is "Content-Type". |
| abstract  [DataHandler](http://docs.google.com/javax/activation/DataHandler.html) | [**getDataHandler**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getDataHandler())()            Gets the DataHandler object for this AttachmentPart object. |
| abstract  [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getMatchingMimeHeaders**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getMatchingMimeHeaders(java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] names)            Retrieves all MimeHeader objects that match a name in the given array. |
| abstract  [String](http://docs.google.com/java/lang/String.html)[] | [**getMimeHeader**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getMimeHeader(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Gets all the values of the header identified by the given String. |
| abstract  [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getNonMatchingMimeHeaders**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getNonMatchingMimeHeaders(java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] names)            Retrieves all MimeHeader objects whose name does not match a name in the given array. |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | [**getRawContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContent())()            Gets the content of this AttachmentPart object as an InputStream as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart. |
| abstract  byte[] | [**getRawContentBytes**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContentBytes())()            Gets the content of this AttachmentPart object as a byte[] array as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart. |
| abstract  int | [**getSize**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getSize())()            Returns the number of bytes in this AttachmentPart object. |
| abstract  void | [**removeAllMimeHeaders**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#removeAllMimeHeaders())()            Removes all the MIME header entries. |
| abstract  void | [**removeMimeHeader**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#removeMimeHeader(java.lang.String))([String](http://docs.google.com/java/lang/String.html) header)            Removes all MIME headers that match the given name. |
| abstract  void | [**setBase64Content**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setBase64Content(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) content, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part from the Base64 source InputStream and sets the value of the Content-Type header to the value contained in contentType, This method would first decode the base64 input and write the resulting raw bytes to the attachment. |
| abstract  void | [**setContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setContent(java.lang.Object,%20java.lang.String))([Object](http://docs.google.com/java/lang/Object.html) object, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part to that of the given Object and sets the value of the Content-Type header to the given type. |
| void | [**setContentId**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setContentId(java.lang.String))([String](http://docs.google.com/java/lang/String.html) contentId)            Sets the MIME header whose name is "Content-ID" with the given value. |
| void | [**setContentLocation**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setContentLocation(java.lang.String))([String](http://docs.google.com/java/lang/String.html) contentLocation)            Sets the MIME header whose name is "Content-Location" with the given value. |
| void | [**setContentType**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setContentType(java.lang.String))([String](http://docs.google.com/java/lang/String.html) contentType)            Sets the MIME header whose name is "Content-Type" with the given value. |
| abstract  void | [**setDataHandler**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setDataHandler(javax.activation.DataHandler))([DataHandler](http://docs.google.com/javax/activation/DataHandler.html) dataHandler)            Sets the given DataHandler object as the data handler for this AttachmentPart object. |
| abstract  void | [**setMimeHeader**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setMimeHeader(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)            Changes the first header entry that matches the given name to the given value, adding a new header if no existing header matches. |
| abstract  void | [**setRawContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setRawContent(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) content, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part to that contained by the InputStream content and sets the value of the Content-Type header to the value contained in contentType. |
| abstract  void | [**setRawContentBytes**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setRawContentBytes(byte%5B%5D,%20int,%20int,%20java.lang.String))(byte[] content, int offset, int len, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part to that contained by the byte[] array content and sets the value of the Content-Type header to the value contained in contentType. |

| **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** |
| --- |

### AttachmentPart

public **AttachmentPart**()

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

### getSize

public abstract int **getSize**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Returns the number of bytes in this AttachmentPart object.

**Returns:**the size of this AttachmentPart object in bytes or -1 if the size cannot be determined **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if the content of this attachment is corrupted of if there was an exception while trying to determine the size.

### clearContent

public abstract void **clearContent**()

Clears out the content of this AttachmentPart object. The MIME header portion is left untouched.

### getContent

public abstract [Object](http://docs.google.com/java/lang/Object.html) **getContent**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Gets the content of this AttachmentPart object as a Java object. The type of the returned Java object depends on (1) the DataContentHandler object that is used to interpret the bytes and (2) the Content-Type given in the header.

For the MIME content types "text/plain", "text/html" and "text/xml", the DataContentHandler object does the conversions to and from the Java types corresponding to the MIME types. For other MIME types,the DataContentHandler object can return an InputStream object that contains the content data as raw bytes.

A SAAJ-compliant implementation must, as a minimum, return a java.lang.String object corresponding to any content stream with a Content-Type value of text/plain, a javax.xml.transform.stream.StreamSource object corresponding to a content stream with a Content-Type value of text/xml, a java.awt.Image object corresponding to a content stream with a Content-Type value of image/gif or image/jpeg. For those content types that an installed DataContentHandler object does not understand, the DataContentHandler object is required to return a java.io.InputStream object with the raw bytes.

**Returns:**a Java object with the content of this AttachmentPart object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is no content set into this AttachmentPart object or if there was a data transformation error

### getRawContent

public abstract [InputStream](http://docs.google.com/java/io/InputStream.html) **getRawContent**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Gets the content of this AttachmentPart object as an InputStream as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart.

Note that reading from the returned InputStream would result in consuming the data in the stream. It is the responsibility of the caller to reset the InputStream appropriately before calling a Subsequent API. If a copy of the raw attachment content is required then the [getRawContentBytes()](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContentBytes()) API should be used instead.

**Returns:**an InputStream from which the raw data contained by the AttachmentPart can be accessed. **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is no content set into this AttachmentPart object or if there was a data transformation error.**Since:** SAAJ 1.3 **See Also:**[getRawContentBytes()](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContentBytes())

### getRawContentBytes

public abstract byte[] **getRawContentBytes**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Gets the content of this AttachmentPart object as a byte[] array as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart.

**Returns:**a byte[] array containing the raw data of the AttachmentPart. **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is no content set into this AttachmentPart object or if there was a data transformation error.**Since:** SAAJ 1.3

### getBase64Content

public abstract [InputStream](http://docs.google.com/java/io/InputStream.html) **getBase64Content**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Returns an InputStream which can be used to obtain the content of AttachmentPart as Base64 encoded character data, this method would base64 encode the raw bytes of the attachment and return.

**Returns:**an InputStream from which the Base64 encoded AttachmentPart can be read. **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is no content set into this AttachmentPart object or if there was a data transformation error.**Since:** SAAJ 1.3

### setContent

public abstract void **setContent**([Object](http://docs.google.com/java/lang/Object.html) object,  
 [String](http://docs.google.com/java/lang/String.html) contentType)

Sets the content of this attachment part to that of the given Object and sets the value of the Content-Type header to the given type. The type of the Object should correspond to the value given for the Content-Type. This depends on the particular set of DataContentHandler objects in use.

**Parameters:**object - the Java object that makes up the content for this attachment partcontentType - the MIME string that specifies the type of the content **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - may be thrown if the contentType does not match the type of the content object, or if there was no DataContentHandler object for this content object**See Also:**[getContent()](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContent())

### setRawContent

public abstract void **setRawContent**([InputStream](http://docs.google.com/java/io/InputStream.html) content,  
 [String](http://docs.google.com/java/lang/String.html) contentType)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Sets the content of this attachment part to that contained by the InputStream content and sets the value of the Content-Type header to the value contained in contentType.

A subsequent call to getSize() may not be an exact measure of the content size.

**Parameters:**content - the raw data to add to the attachment partcontentType - the value to set into the Content-Type header **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if an there is an error in setting the content [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if content is null**Since:** SAAJ 1.3

### setRawContentBytes

public abstract void **setRawContentBytes**(byte[] content,  
 int offset,  
 int len,  
 [String](http://docs.google.com/java/lang/String.html) contentType)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Sets the content of this attachment part to that contained by the byte[] array content and sets the value of the Content-Type header to the value contained in contentType.

**Parameters:**content - the raw data to add to the attachment partcontentType - the value to set into the Content-Type headeroffset - the offset in the byte array of the contentlen - the number of bytes that form the content **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if an there is an error in setting the content or content is null**Since:** SAAJ 1.3

### setBase64Content

public abstract void **setBase64Content**([InputStream](http://docs.google.com/java/io/InputStream.html) content,  
 [String](http://docs.google.com/java/lang/String.html) contentType)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Sets the content of this attachment part from the Base64 source InputStream and sets the value of the Content-Type header to the value contained in contentType, This method would first decode the base64 input and write the resulting raw bytes to the attachment.

A subsequent call to getSize() may not be an exact measure of the content size.

**Parameters:**content - the base64 encoded data to add to the attachment partcontentType - the value to set into the Content-Type header **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if an there is an error in setting the content [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if content is null**Since:** SAAJ 1.3

### getDataHandler

public abstract [DataHandler](http://docs.google.com/javax/activation/DataHandler.html) **getDataHandler**()  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Gets the DataHandler object for this AttachmentPart object.

**Returns:**the DataHandler object associated with this AttachmentPart object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is no data in this AttachmentPart object

### setDataHandler

public abstract void **setDataHandler**([DataHandler](http://docs.google.com/javax/activation/DataHandler.html) dataHandler)

Sets the given DataHandler object as the data handler for this AttachmentPart object. Typically, on an incoming message, the data handler is automatically set. When a message is being created and populated with content, the setDataHandler method can be used to get data from various data sources into the message.

**Parameters:**dataHandler - the DataHandler object to be set **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem with the specified DataHandler object

### getContentId

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

Gets the value of the MIME header whose name is "Content-ID".

**Returns:**a String giving the value of the "Content-ID" header or null if there is none**See Also:**[setContentId(java.lang.String)](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setContentId(java.lang.String))

### getContentLocation

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

Gets the value of the MIME header whose name is "Content-Location".

**Returns:**a String giving the value of the "Content-Location" header or null if there is none

### getContentType

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

Gets the value of the MIME header whose name is "Content-Type".

**Returns:**a String giving the value of the "Content-Type" header or null if there is none

### setContentId

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

Sets the MIME header whose name is "Content-ID" with the given value.

**Parameters:**contentId - a String giving the value of the "Content-ID" header **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem with the specified contentId value**See Also:**[getContentId()](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContentId())

### setContentLocation

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

Sets the MIME header whose name is "Content-Location" with the given value.

**Parameters:**contentLocation - a String giving the value of the "Content-Location" header **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem with the specified content location

### setContentType

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

Sets the MIME header whose name is "Content-Type" with the given value.

**Parameters:**contentType - a String giving the value of the "Content-Type" header **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem with the specified content type

### removeMimeHeader

public abstract void **removeMimeHeader**([String](http://docs.google.com/java/lang/String.html) header)

Removes all MIME headers that match the given name.

**Parameters:**header - the string name of the MIME header/s to be removed

### removeAllMimeHeaders

public abstract void **removeAllMimeHeaders**()

Removes all the MIME header entries.

### getMimeHeader

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

Gets all the values of the header identified by the given String.

**Parameters:**name - the name of the header; example: "Content-Type" **Returns:**a String array giving the value for the specified header**See Also:**[setMimeHeader(java.lang.String, java.lang.String)](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setMimeHeader(java.lang.String,%20java.lang.String))

### setMimeHeader

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

Changes the first header entry that matches the given name to the given value, adding a new header if no existing header matches. This method also removes all matching headers but the first.

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

**Parameters:**name - a String giving the name of the header for which to searchvalue - a String giving the value to be set for the header whose name matches the given name **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem with the specified mime header name or value

### addMimeHeader

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

Adds a MIME header with the specified name and value to this AttachmentPart object.

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

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

### getAllMimeHeaders

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

Retrieves all the headers for this AttachmentPart object as an iterator over the MimeHeader objects.

**Returns:**an Iterator object with all of the Mime headers for this AttachmentPart object

### getMatchingMimeHeaders

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

Retrieves all MimeHeader objects that match a name in the given array.

**Parameters:**names - a String array with the name(s) of the MIME headers to be returned **Returns:**all of the MIME headers that match one of the names in the given array as an Iterator object

### getNonMatchingMimeHeaders

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

Retrieves all MimeHeader objects whose name does not match a name in the given array.

**Parameters:**names - a String array with the name(s) of the MIME headers not to be returned **Returns:**all of the MIME headers in this AttachmentPart object except those that match one of the names in the given array. The nonmatching MIME headers are returned as an Iterator object.

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

[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.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).