| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SOAPPart.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/SOAPMessage.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/Text.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SOAPPart.html)    [**NO FRAMES**](http://docs.google.com/SOAPPart.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

## **javax.xml.soap**

Class SOAPPart

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

**All Implemented Interfaces:** [Document](http://docs.google.com/org/w3c/dom/Document.html), [Node](http://docs.google.com/org/w3c/dom/Node.html)

public abstract class **SOAPPart**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Document](http://docs.google.com/org/w3c/dom/Document.html), [Node](http://docs.google.com/javax/xml/soap/Node.html)

The container for the SOAP-specific portion of a SOAPMessage object. All messages are required to have a SOAP part, so when a SOAPMessage object is created, it will automatically have a SOAPPart object.

A SOAPPart object is a MIME part and has the MIME headers Content-Id, Content-Location, and Content-Type. Because the value of Content-Type must be "text/xml", a SOAPPart object automatically has a MIME header of Content-Type with its value set to "text/xml". The value must be "text/xml" because content in the SOAP part of a message must be in XML format. Content that is not of type "text/xml" must be in an AttachmentPart object rather than in the SOAPPart object.

When a message is sent, its SOAP part must have the MIME header Content-Type set to "text/xml". Or, from the other perspective, the SOAP part of any message that is received must have the MIME header Content-Type with a value of "text/xml".

A client can access the SOAPPart object of a SOAPMessage object by calling the method SOAPMessage.getSOAPPart. The following line of code, in which message is a SOAPMessage object, retrieves the SOAP part of a message.

SOAPPart soapPart = message.getSOAPPart();

A SOAPPart object contains a SOAPEnvelope object, which in turn contains a SOAPBody object and a SOAPHeader object. The SOAPPart method getEnvelope can be used to retrieve the SOAPEnvelope object.

| **Field Summary** | |
| --- | --- |

| **Fields inherited from interface org.w3c.dom.**[**Node**](http://docs.google.com/org/w3c/dom/Node.html) |
| --- |
| [ATTRIBUTE\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ATTRIBUTE_NODE), [CDATA\_SECTION\_NODE](http://docs.google.com/org/w3c/dom/Node.html#CDATA_SECTION_NODE), [COMMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#COMMENT_NODE), [DOCUMENT\_FRAGMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_FRAGMENT_NODE), [DOCUMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_NODE), [DOCUMENT\_POSITION\_CONTAINED\_BY](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_CONTAINED_BY), [DOCUMENT\_POSITION\_CONTAINS](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_CONTAINS), [DOCUMENT\_POSITION\_DISCONNECTED](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_DISCONNECTED), [DOCUMENT\_POSITION\_FOLLOWING](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_FOLLOWING), [DOCUMENT\_POSITION\_IMPLEMENTATION\_SPECIFIC](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_IMPLEMENTATION_SPECIFIC), [DOCUMENT\_POSITION\_PRECEDING](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_PRECEDING), [DOCUMENT\_TYPE\_NODE](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_TYPE_NODE), [ELEMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ELEMENT_NODE), [ENTITY\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ENTITY_NODE), [ENTITY\_REFERENCE\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ENTITY_REFERENCE_NODE), [NOTATION\_NODE](http://docs.google.com/org/w3c/dom/Node.html#NOTATION_NODE), [PROCESSING\_INSTRUCTION\_NODE](http://docs.google.com/org/w3c/dom/Node.html#PROCESSING_INSTRUCTION_NODE), [TEXT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#TEXT_NODE) |

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

| **Method Summary** | |
| --- | --- |
| abstract  void | [**addMimeHeader**](http://docs.google.com/javax/xml/soap/SOAPPart.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)            Creates a MimeHeader object with the specified name and value and adds it to this SOAPPart object. |
| abstract  [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getAllMimeHeaders**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getAllMimeHeaders())()            Retrieves all the headers for this SOAPPart object as an iterator over the MimeHeader objects. |
| abstract  [Source](http://docs.google.com/javax/xml/transform/Source.html) | [**getContent**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContent())()            Returns the content of the SOAPEnvelope as a JAXP Source object. |
| [String](http://docs.google.com/java/lang/String.html) | [**getContentId**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContentId())()            Retrieves 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/SOAPPart.html#getContentLocation())()            Retrieves the value of the MIME header whose name is "Content-Location". |
| abstract  [SOAPEnvelope](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html) | [**getEnvelope**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getEnvelope())()            Gets the SOAPEnvelope object associated with this SOAPPart object. |
| abstract  [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getMatchingMimeHeaders**](http://docs.google.com/javax/xml/soap/SOAPPart.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/SOAPPart.html#getMimeHeader(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Gets all the values of the MimeHeader object in this SOAPPart object that is identified by the given String. |
| abstract  [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getNonMatchingMimeHeaders**](http://docs.google.com/javax/xml/soap/SOAPPart.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  void | [**removeAllMimeHeaders**](http://docs.google.com/javax/xml/soap/SOAPPart.html#removeAllMimeHeaders())()            Removes all the MimeHeader objects for this SOAPEnvelope object. |
| abstract  void | [**removeMimeHeader**](http://docs.google.com/javax/xml/soap/SOAPPart.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 | [**setContent**](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContent(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Sets the content of the SOAPEnvelope object with the data from the given Source object. |
| void | [**setContentId**](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContentId(java.lang.String))([String](http://docs.google.com/java/lang/String.html) contentId)            Sets the value of the MIME header named "Content-Id" to the given String. |
| void | [**setContentLocation**](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContentLocation(java.lang.String))([String](http://docs.google.com/java/lang/String.html) contentLocation)            Sets the value of the MIME header "Content-Location" to the given String. |
| abstract  void | [**setMimeHeader**](http://docs.google.com/javax/xml/soap/SOAPPart.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 header name so that its value is the given value, adding a new header with the given name and value if no existing header is a match. |

| **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)) |

| **Methods inherited from interface org.w3c.dom.**[**Document**](http://docs.google.com/org/w3c/dom/Document.html) |
| --- |
| [adoptNode](http://docs.google.com/org/w3c/dom/Document.html#adoptNode(org.w3c.dom.Node)), [createAttribute](http://docs.google.com/org/w3c/dom/Document.html#createAttribute(java.lang.String)), [createAttributeNS](http://docs.google.com/org/w3c/dom/Document.html#createAttributeNS(java.lang.String,%20java.lang.String)), [createCDATASection](http://docs.google.com/org/w3c/dom/Document.html#createCDATASection(java.lang.String)), [createComment](http://docs.google.com/org/w3c/dom/Document.html#createComment(java.lang.String)), [createDocumentFragment](http://docs.google.com/org/w3c/dom/Document.html#createDocumentFragment()), [createElement](http://docs.google.com/org/w3c/dom/Document.html#createElement(java.lang.String)), [createElementNS](http://docs.google.com/org/w3c/dom/Document.html#createElementNS(java.lang.String,%20java.lang.String)), [createEntityReference](http://docs.google.com/org/w3c/dom/Document.html#createEntityReference(java.lang.String)), [createProcessingInstruction](http://docs.google.com/org/w3c/dom/Document.html#createProcessingInstruction(java.lang.String,%20java.lang.String)), [createTextNode](http://docs.google.com/org/w3c/dom/Document.html#createTextNode(java.lang.String)), [getDoctype](http://docs.google.com/org/w3c/dom/Document.html#getDoctype()), [getDocumentElement](http://docs.google.com/org/w3c/dom/Document.html#getDocumentElement()), [getDocumentURI](http://docs.google.com/org/w3c/dom/Document.html#getDocumentURI()), [getDomConfig](http://docs.google.com/org/w3c/dom/Document.html#getDomConfig()), [getElementById](http://docs.google.com/org/w3c/dom/Document.html#getElementById(java.lang.String)), [getElementsByTagName](http://docs.google.com/org/w3c/dom/Document.html#getElementsByTagName(java.lang.String)), [getElementsByTagNameNS](http://docs.google.com/org/w3c/dom/Document.html#getElementsByTagNameNS(java.lang.String,%20java.lang.String)), [getImplementation](http://docs.google.com/org/w3c/dom/Document.html#getImplementation()), [getInputEncoding](http://docs.google.com/org/w3c/dom/Document.html#getInputEncoding()), [getStrictErrorChecking](http://docs.google.com/org/w3c/dom/Document.html#getStrictErrorChecking()), [getXmlEncoding](http://docs.google.com/org/w3c/dom/Document.html#getXmlEncoding()), [getXmlStandalone](http://docs.google.com/org/w3c/dom/Document.html#getXmlStandalone()), [getXmlVersion](http://docs.google.com/org/w3c/dom/Document.html#getXmlVersion()), [importNode](http://docs.google.com/org/w3c/dom/Document.html#importNode(org.w3c.dom.Node,%20boolean)), [normalizeDocument](http://docs.google.com/org/w3c/dom/Document.html#normalizeDocument()), [renameNode](http://docs.google.com/org/w3c/dom/Document.html#renameNode(org.w3c.dom.Node,%20java.lang.String,%20java.lang.String)), [setDocumentURI](http://docs.google.com/org/w3c/dom/Document.html#setDocumentURI(java.lang.String)), [setStrictErrorChecking](http://docs.google.com/org/w3c/dom/Document.html#setStrictErrorChecking(boolean)), [setXmlStandalone](http://docs.google.com/org/w3c/dom/Document.html#setXmlStandalone(boolean)), [setXmlVersion](http://docs.google.com/org/w3c/dom/Document.html#setXmlVersion(java.lang.String)) |

| **Methods inherited from interface javax.xml.soap.**[**Node**](http://docs.google.com/javax/xml/soap/Node.html) |
| --- |
| [detachNode](http://docs.google.com/javax/xml/soap/Node.html#detachNode()), [getParentElement](http://docs.google.com/javax/xml/soap/Node.html#getParentElement()), [getValue](http://docs.google.com/javax/xml/soap/Node.html#getValue()), [recycleNode](http://docs.google.com/javax/xml/soap/Node.html#recycleNode()), [setParentElement](http://docs.google.com/javax/xml/soap/Node.html#setParentElement(javax.xml.soap.SOAPElement)), [setValue](http://docs.google.com/javax/xml/soap/Node.html#setValue(java.lang.String)) |

| **Methods inherited from interface org.w3c.dom.**[**Node**](http://docs.google.com/org/w3c/dom/Node.html) |
| --- |
| [appendChild](http://docs.google.com/org/w3c/dom/Node.html#appendChild(org.w3c.dom.Node)), [cloneNode](http://docs.google.com/org/w3c/dom/Node.html#cloneNode(boolean)), [compareDocumentPosition](http://docs.google.com/org/w3c/dom/Node.html#compareDocumentPosition(org.w3c.dom.Node)), [getAttributes](http://docs.google.com/org/w3c/dom/Node.html#getAttributes()), [getBaseURI](http://docs.google.com/org/w3c/dom/Node.html#getBaseURI()), [getChildNodes](http://docs.google.com/org/w3c/dom/Node.html#getChildNodes()), [getFeature](http://docs.google.com/org/w3c/dom/Node.html#getFeature(java.lang.String,%20java.lang.String)), [getFirstChild](http://docs.google.com/org/w3c/dom/Node.html#getFirstChild()), [getLastChild](http://docs.google.com/org/w3c/dom/Node.html#getLastChild()), [getLocalName](http://docs.google.com/org/w3c/dom/Node.html#getLocalName()), [getNamespaceURI](http://docs.google.com/org/w3c/dom/Node.html#getNamespaceURI()), [getNextSibling](http://docs.google.com/org/w3c/dom/Node.html#getNextSibling()), [getNodeName](http://docs.google.com/org/w3c/dom/Node.html#getNodeName()), [getNodeType](http://docs.google.com/org/w3c/dom/Node.html#getNodeType()), [getNodeValue](http://docs.google.com/org/w3c/dom/Node.html#getNodeValue()), [getOwnerDocument](http://docs.google.com/org/w3c/dom/Node.html#getOwnerDocument()), [getParentNode](http://docs.google.com/org/w3c/dom/Node.html#getParentNode()), [getPrefix](http://docs.google.com/org/w3c/dom/Node.html#getPrefix()), [getPreviousSibling](http://docs.google.com/org/w3c/dom/Node.html#getPreviousSibling()), [getTextContent](http://docs.google.com/org/w3c/dom/Node.html#getTextContent()), [getUserData](http://docs.google.com/org/w3c/dom/Node.html#getUserData(java.lang.String)), [hasAttributes](http://docs.google.com/org/w3c/dom/Node.html#hasAttributes()), [hasChildNodes](http://docs.google.com/org/w3c/dom/Node.html#hasChildNodes()), [insertBefore](http://docs.google.com/org/w3c/dom/Node.html#insertBefore(org.w3c.dom.Node,%20org.w3c.dom.Node)), [isDefaultNamespace](http://docs.google.com/org/w3c/dom/Node.html#isDefaultNamespace(java.lang.String)), [isEqualNode](http://docs.google.com/org/w3c/dom/Node.html#isEqualNode(org.w3c.dom.Node)), [isSameNode](http://docs.google.com/org/w3c/dom/Node.html#isSameNode(org.w3c.dom.Node)), [isSupported](http://docs.google.com/org/w3c/dom/Node.html#isSupported(java.lang.String,%20java.lang.String)), [lookupNamespaceURI](http://docs.google.com/org/w3c/dom/Node.html#lookupNamespaceURI(java.lang.String)), [lookupPrefix](http://docs.google.com/org/w3c/dom/Node.html#lookupPrefix(java.lang.String)), [normalize](http://docs.google.com/org/w3c/dom/Node.html#normalize()), [removeChild](http://docs.google.com/org/w3c/dom/Node.html#removeChild(org.w3c.dom.Node)), [replaceChild](http://docs.google.com/org/w3c/dom/Node.html#replaceChild(org.w3c.dom.Node,%20org.w3c.dom.Node)), [setNodeValue](http://docs.google.com/org/w3c/dom/Node.html#setNodeValue(java.lang.String)), [setPrefix](http://docs.google.com/org/w3c/dom/Node.html#setPrefix(java.lang.String)), [setTextContent](http://docs.google.com/org/w3c/dom/Node.html#setTextContent(java.lang.String)), [setUserData](http://docs.google.com/org/w3c/dom/Node.html#setUserData(java.lang.String,%20java.lang.Object,%20org.w3c.dom.UserDataHandler)) |

| **Constructor Detail** |
| --- |

### SOAPPart

public **SOAPPart**()

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

### getEnvelope

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

Gets the SOAPEnvelope object associated with this SOAPPart object. Once the SOAP envelope is obtained, it can be used to get its contents.

**Returns:**the SOAPEnvelope object for this SOAPPart object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is a SOAP error

### getContentId

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

Retrieves the value of the MIME header whose name is "Content-Id".

**Returns:**a String giving the value of the MIME header named "Content-Id"**See Also:**[setContentId(java.lang.String)](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContentId(java.lang.String))

### getContentLocation

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

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

**Returns:**a String giving the value of the MIME header whose name is "Content-Location"**See Also:**[setContentLocation(java.lang.String)](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContentLocation(java.lang.String))

### setContentId

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

Sets the value of the MIME header named "Content-Id" to the given String.

**Parameters:**contentId - a String giving the value of the MIME header "Content-Id" **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there is a problem in setting the content id**See Also:**[getContentId()](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContentId())

### setContentLocation

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

Sets the value of the MIME header "Content-Location" to the given String.

**Parameters:**contentLocation - a String giving the value of the MIME header "Content-Location" **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there is a problem in setting the content location.**See Also:**[getContentLocation()](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContentLocation())

### 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 - a String giving the name of the MIME header(s) to be removed

### removeAllMimeHeaders

public abstract void **removeAllMimeHeaders**()

Removes all the MimeHeader objects for this SOAPEnvelope object.

### 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 MimeHeader object in this SOAPPart object that is identified by the given String.

**Parameters:**name - the name of the header; example: "Content-Type" **Returns:**a String array giving all the values for the specified header**See Also:**[setMimeHeader(java.lang.String, java.lang.String)](http://docs.google.com/javax/xml/soap/SOAPPart.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 header name so that its value is the given value, adding a new header with the given name and value if no existing header is a match. If there is a match, this method clears all existing values for the first header that matches and sets the given value instead. If more than one header has the given name, this method removes all of the matching headers after the first one.

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

**Parameters:**name - a String giving the header name for which to searchvalue - a String giving the value to be set. This value will be substituted for the current value(s) of the first header that is a match if there is one. If there is no match, this value will be the value for a new MimeHeader object. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if there was a problem with the specified mime header name or value**See Also:**[getMimeHeader(java.lang.String)](http://docs.google.com/javax/xml/soap/SOAPPart.html#getMimeHeader(java.lang.String))

### 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)

Creates a MimeHeader object with the specified name and value and adds it to this SOAPPart object. If a MimeHeader with the specified name already exists, this method adds the specified value to the already existing value(s).

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

**Parameters:**name - a String giving the header namevalue - a String giving the value to be set or 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 SOAPPart object as an iterator over the MimeHeader objects.

**Returns:**an Iterator object with all of the Mime headers for this SOAPPart 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, returned 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 SOAPPart object except those that match one of the names in the given array. The nonmatching MIME headers are returned as an Iterator object.

### setContent

public abstract void **setContent**([Source](http://docs.google.com/javax/xml/transform/Source.html) source)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Sets the content of the SOAPEnvelope object with the data from the given Source object. This Source must contain a valid SOAP document.

**Parameters:**source - the javax.xml.transform.Source object with the data to be set **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if there is a problem in setting the source**See Also:**[getContent()](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContent())

### getContent

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

Returns the content of the SOAPEnvelope as a JAXP Source object.

**Returns:**the content as a javax.xml.transform.Source object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - if the implementation cannot convert the specified Source object**See Also:**[setContent(javax.xml.transform.Source)](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContent(javax.xml.transform.Source))

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SOAPPart.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/SOAPMessage.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/Text.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/SOAPPart.html)    [**NO FRAMES**](http://docs.google.com/SOAPPart.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#3rdcrjn) | [METHOD](#lnxbz9) |

[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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