com.sap.gateway.ip.core.customdev.util

Interface Message

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public interface Message
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All Methods:

Modifier and Type	Method and Description
Void	addAttachmentHeader(String headerName, String headerValue, AttachmentWrapper attachment) Add this value to the existing values for this headerName of the attachment.
void	addAttachmentObject(String id, AttachmentWrapper content) Adds an attachment to the message using the id
void	clearSoapHeaders() removes all SOAP headers of the current message
String	getAttachmentHeader(String headerName, AttachmentWrapper attachment) Get all the values for this header name for the attachment.
Map<String,DataHandler>	getAttachments()
Long	getAttachmentsSize() Returns the combined size of all message attachments
Map<String,AttachmentWrapper>	getAttachmentWrapperObjects() Returns all attachments of the message
Object	getBody()
<T> T	getBody(Class<T> type)
long	getBodySize() Returns the size of the message body.
<T> T	getHeader(String headerName, Class<T> headerType)
Map<String,Object>	getHeaders()
Map<String,Object>	getProperties()
Object	getProperty(String name)
List<SoapHeader>	getSoapHeaders() returns the SOAP headers of the current message.
void	removeAttachmentHeader(String headerName, AttachmentWrapper attachment) Remove all headers with this name.
void	setAttachmentHeader(String headerName, String headerValue, AttachmentWrapper attachment) Set the value for this headerName to the attachment.
void	setAttachments(Map<String,DataHandler> attachments)
void	setAttachmentWrapperObjects(Map<String,AttachmentWrapper> attachmentObjects) Set all the attachments associated with this message
void	setBody(Object exchangeBody)
Void	setHeader(String name, Object value)

Void	setHeaders(Map<String,Object> exchangeHeaders)
Void	setProperties(Map<String,Object> exchangeProperties)
void	setProperty(String name, Object value)
Void	setSoapHeaders(List<SoapHeader> headers) sets the SOAP headers in a message that will be sent

Method Detail:

- **getBody**

<T> T getBody(Class<T> type)

Type Parameters:

T -

Returns:

the exchangeBody with specific type

- **getBody**

Object getBody()

Returns:

the exchangeBodyx

- **setBody**

void setBody(Object exchangeBody)

Parameters:

exchangeBody -

- **getAttachments**

Map<String,DataHandler> getAttachments()

- **setAttachments**

void setAttachments(Map<String,DataHandler> attachments)

Parameters:

attachments -

- **getHeaders**

Map<String,Object> getHeaders()

Returns:

the exchangeHeaders

- **getHeader**

<T> T getHeader(String headerName,

    Class<T> headerType)

Parameters:

headerType - The object type in which the header value is to be returned

headerName - Name of the header to be returned

Returns:

the header with specific type

- **setHeaders**

void setHeaders(Map<String,Object> exchangeHeaders)

Parameters:

exchangeHeaders -

- **setHeader**

void setHeader(String name,

    Object value)

Parameters:

name -

value -

- **getProperties**

Map<String,Object> getProperties()

Returns:

the exchangeProperties

- **setProperties**

void setProperties(Map<String,Object> exchangeProperties)

Parameters:

exchangeProperties - the exchangeProperties to set

- **setProperty**

void setProperty(String name,

Object value)

Parameters:

name - and value the exchangeProperties to set

- **getProperty**

Object getProperty(String name)

- **getBodySize**

long getBodySize()

Returns the size of the message body. Supported body types: - String - byte[] - InputStream - cached streams - XML Sources (classes derived from Source) - XML Documents (classes derived from Document) - types convertible to InputStream

Returns:

Body size in bytes or -1 for unsupported types

- **getAttachmentsSize**

long getAttachmentsSize()

Returns the combined size of all message attachments

Returns:

Attachments size in bytes or 0 if there are no attachments

- **addAttachmentHeader**

void addAttachmentHeader(String headerName,

String headerValue,

AttachmentWrapper attachment)

Add this value to the existing values for this headerName of the attachment.

Parameters:

headerName - the name of this header

headerValue - the value of this header

attachment - the attachment for which the header is to be added

- **setAttachmentHeader**

void setAttachmentHeader(String headerName,

       String headerValue,

       AttachmentWrapper attachment)

Set the value for this headerName to the attachment. Replaces all existing header values with this new value.

Parameters:

headerName - the name of this header

headerValue - the value for this header

attachment - the attachment on which header has to be set

- **getAttachmentHeader**

String getAttachmentHeader(String headerName,

       AttachmentWrapper attachment)

Get all the values for this header name for the attachment. Returns null if no headers for this header name are available.

Parameters:

headerName - the name of this header

attachment - the attachment of this header

Returns:

a String having list of all header values

- **removeAttachmentHeader**

void removeAttachmentHeader(String headerName,

        AttachmentWrapper attachment)

Remove all headers with this name.

Parameters:

headerName - the name of this header

attachment - the attachment for which to remove header

- **getAttachmentWrapperObjects**

Map<String,AttachmentWrapper> getAttachmentWrapperObjects()

Returns all attachments of the message

Returns:

the attachments in a map

- **setAttachmentWrapperObjects**

void setAttachmentWrapperObjects(Map<String,AttachmentWrapper> attachmentObjects)

Set all the attachments associated with this message

Parameters:

attachments - the attachments

- **addAttachmentObject**

void addAttachmentObject(String id,

        AttachmentWrapper content)

Adds an attachment to the message using the id

Parameters:

id - the id to store the attachment under

content - the attachment

- **getSoapHeaders**

List<SoapHeader> getSoapHeaders()

returns the SOAP headers of the current message.

Returns:

the SOAP headers in a list

- **setSoapHeaders**

void setSoapHeaders(List<SoapHeader> headers)

sets the SOAP headers in a message that will be sent

Parameters:

headers - the SOAP headers

- **clearSoapHeaders**

void clearSoapHeaders()

removes all SOAP headers of the current message