| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MessageContext.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/ws/handler/LogicalMessageContext.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/ws/handler/MessageContext.html)    [**NO FRAMES**](http://docs.google.com/MessageContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#tyjcwt) | CONSTR | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | CONSTR | [METHOD](#qsh70q) |

## **javax.xml.ws.handler**

Interface MessageContext

**All Superinterfaces:** [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Object](http://docs.google.com/java/lang/Object.html)> **All Known Subinterfaces:** [LogicalMessageContext](http://docs.google.com/javax/xml/ws/handler/LogicalMessageContext.html), [SOAPMessageContext](http://docs.google.com/javax/xml/ws/handler/soap/SOAPMessageContext.html)

public interface **MessageContext**extends [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),[Object](http://docs.google.com/java/lang/Object.html)>

The interface MessageContext abstracts the message context that is processed by a handler in the handle method.

The MessageContext interface provides methods to manage a property set. MessageContext properties enable handlers in a handler chain to share processing related state.

**Since:** JAX-WS 2.0

| **Nested Class Summary** | |
| --- | --- |
| static class | [**MessageContext.Scope**](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html)            Property scope. |

| **Nested classes/interfaces inherited from interface java.util.**[**Map**](http://docs.google.com/java/util/Map.html) |
| --- |
| [Map.Entry](http://docs.google.com/java/util/Map.Entry.html)<[K](http://docs.google.com/java/util/Map.Entry.html),[V](http://docs.google.com/java/util/Map.Entry.html)> |

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**HTTP\_REQUEST\_HEADERS**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#HTTP_REQUEST_HEADERS)            Standard property: HTTP request headers. |
| static [String](http://docs.google.com/java/lang/String.html) | [**HTTP\_REQUEST\_METHOD**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#HTTP_REQUEST_METHOD)            Standard property: HTTP request method. |
| static [String](http://docs.google.com/java/lang/String.html) | [**HTTP\_RESPONSE\_CODE**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#HTTP_RESPONSE_CODE)            Standard property: HTTP response status code. |
| static [String](http://docs.google.com/java/lang/String.html) | [**HTTP\_RESPONSE\_HEADERS**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#HTTP_RESPONSE_HEADERS)            Standard property: HTTP response headers. |
| static [String](http://docs.google.com/java/lang/String.html) | [**INBOUND\_MESSAGE\_ATTACHMENTS**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#INBOUND_MESSAGE_ATTACHMENTS)            Standard property: Map of attachments to a message for the inbound message, key is the MIME Content-ID, value is a DataHandler. |
| static [String](http://docs.google.com/java/lang/String.html) | [**MESSAGE\_OUTBOUND\_PROPERTY**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#MESSAGE_OUTBOUND_PROPERTY)            Standard property: message direction, true for outbound messages, false for inbound. |
| static [String](http://docs.google.com/java/lang/String.html) | [**OUTBOUND\_MESSAGE\_ATTACHMENTS**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#OUTBOUND_MESSAGE_ATTACHMENTS)            Standard property: Map of attachments to a message for the outbound message, key is the MIME Content-ID, value is a DataHandler. |
| static [String](http://docs.google.com/java/lang/String.html) | [**PATH\_INFO**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#PATH_INFO)            Standard property: Request Path Info |
| static [String](http://docs.google.com/java/lang/String.html) | [**QUERY\_STRING**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#QUERY_STRING)            Standard property: Query string for request. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SERVLET\_CONTEXT**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#SERVLET_CONTEXT)            Standard property: servlet context object. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SERVLET\_REQUEST**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#SERVLET_REQUEST)            Standard property: servlet request object. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SERVLET\_RESPONSE**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#SERVLET_RESPONSE)            Standard property: servlet response object. |
| static [String](http://docs.google.com/java/lang/String.html) | [**WSDL\_DESCRIPTION**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#WSDL_DESCRIPTION)            Standard property: input source for WSDL document. |
| static [String](http://docs.google.com/java/lang/String.html) | [**WSDL\_INTERFACE**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#WSDL_INTERFACE)            Standard property: name of wsdl interface (2.0) or port type (1.1). |
| static [String](http://docs.google.com/java/lang/String.html) | [**WSDL\_OPERATION**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#WSDL_OPERATION)            Standard property: name of WSDL operation. |
| static [String](http://docs.google.com/java/lang/String.html) | [**WSDL\_PORT**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#WSDL_PORT)            Standard property: name of WSDL port. |
| static [String](http://docs.google.com/java/lang/String.html) | [**WSDL\_SERVICE**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#WSDL_SERVICE)            Standard property: name of WSDL service. |

| **Method Summary** | |
| --- | --- |
| [MessageContext.Scope](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html) | [**getScope**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#getScope(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Gets the scope of a property. |
| void | [**setScope**](http://docs.google.com/javax/xml/ws/handler/MessageContext.html#setScope(java.lang.String,%20javax.xml.ws.handler.MessageContext.Scope))([String](http://docs.google.com/java/lang/String.html) name, [MessageContext.Scope](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html) scope)            Sets the scope of a property. |

| **Methods inherited from interface java.util.**[**Map**](http://docs.google.com/java/util/Map.html) |
| --- |
| [clear](http://docs.google.com/java/util/Map.html#clear()), [containsKey](http://docs.google.com/java/util/Map.html#containsKey(java.lang.Object)), [containsValue](http://docs.google.com/java/util/Map.html#containsValue(java.lang.Object)), [entrySet](http://docs.google.com/java/util/Map.html#entrySet()), [equals](http://docs.google.com/java/util/Map.html#equals(java.lang.Object)), [get](http://docs.google.com/java/util/Map.html#get(java.lang.Object)), [hashCode](http://docs.google.com/java/util/Map.html#hashCode()), [isEmpty](http://docs.google.com/java/util/Map.html#isEmpty()), [keySet](http://docs.google.com/java/util/Map.html#keySet()), [put](http://docs.google.com/java/util/Map.html#put(K,%20V)), [putAll](http://docs.google.com/java/util/Map.html#putAll(java.util.Map)), [remove](http://docs.google.com/java/util/Map.html#remove(java.lang.Object)), [size](http://docs.google.com/java/util/Map.html#size()), [values](http://docs.google.com/java/util/Map.html#values()) |

| **Field Detail** |
| --- |

### MESSAGE\_OUTBOUND\_PROPERTY

static final [String](http://docs.google.com/java/lang/String.html) **MESSAGE\_OUTBOUND\_PROPERTY**

Standard property: message direction, true for outbound messages, false for inbound.

Type: boolean

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.MESSAGE_OUTBOUND_PROPERTY)

### INBOUND\_MESSAGE\_ATTACHMENTS

static final [String](http://docs.google.com/java/lang/String.html) **INBOUND\_MESSAGE\_ATTACHMENTS**

Standard property: Map of attachments to a message for the inbound message, key is the MIME Content-ID, value is a DataHandler.

Type: java.util.Map

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.INBOUND_MESSAGE_ATTACHMENTS)

### OUTBOUND\_MESSAGE\_ATTACHMENTS

static final [String](http://docs.google.com/java/lang/String.html) **OUTBOUND\_MESSAGE\_ATTACHMENTS**

Standard property: Map of attachments to a message for the outbound message, key is the MIME Content-ID, value is a DataHandler.

Type: java.util.Map

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.OUTBOUND_MESSAGE_ATTACHMENTS)

### WSDL\_DESCRIPTION

static final [String](http://docs.google.com/java/lang/String.html) **WSDL\_DESCRIPTION**

Standard property: input source for WSDL document.

Type: org.xml.sax.InputSource

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.WSDL_DESCRIPTION)

### WSDL\_SERVICE

static final [String](http://docs.google.com/java/lang/String.html) **WSDL\_SERVICE**

Standard property: name of WSDL service.

Type: javax.xml.namespace.QName

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.WSDL_SERVICE)

### WSDL\_PORT

static final [String](http://docs.google.com/java/lang/String.html) **WSDL\_PORT**

Standard property: name of WSDL port.

Type: javax.xml.namespace.QName

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.WSDL_PORT)

### WSDL\_INTERFACE

static final [String](http://docs.google.com/java/lang/String.html) **WSDL\_INTERFACE**

Standard property: name of wsdl interface (2.0) or port type (1.1).

Type: javax.xml.namespace.QName

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.WSDL_INTERFACE)

### WSDL\_OPERATION

static final [String](http://docs.google.com/java/lang/String.html) **WSDL\_OPERATION**

Standard property: name of WSDL operation.

Type: javax.xml.namespace.QName

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.WSDL_OPERATION)

### HTTP\_RESPONSE\_CODE

static final [String](http://docs.google.com/java/lang/String.html) **HTTP\_RESPONSE\_CODE**

Standard property: HTTP response status code.

Type: java.lang.Integer

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.HTTP_RESPONSE_CODE)

### HTTP\_REQUEST\_HEADERS

static final [String](http://docs.google.com/java/lang/String.html) **HTTP\_REQUEST\_HEADERS**

Standard property: HTTP request headers.

Type: java.util.Map>

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.HTTP_REQUEST_HEADERS)

### HTTP\_RESPONSE\_HEADERS

static final [String](http://docs.google.com/java/lang/String.html) **HTTP\_RESPONSE\_HEADERS**

Standard property: HTTP response headers.

Type: java.util.Map>

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.HTTP_RESPONSE_HEADERS)

### HTTP\_REQUEST\_METHOD

static final [String](http://docs.google.com/java/lang/String.html) **HTTP\_REQUEST\_METHOD**

Standard property: HTTP request method.

Type: java.lang.String

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.HTTP_REQUEST_METHOD)

### SERVLET\_REQUEST

static final [String](http://docs.google.com/java/lang/String.html) **SERVLET\_REQUEST**

Standard property: servlet request object.

Type: javax.servlet.http.HttpServletRequest

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.SERVLET_REQUEST)

### SERVLET\_RESPONSE

static final [String](http://docs.google.com/java/lang/String.html) **SERVLET\_RESPONSE**

Standard property: servlet response object.

Type: javax.servlet.http.HttpServletResponse

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.SERVLET_RESPONSE)

### SERVLET\_CONTEXT

static final [String](http://docs.google.com/java/lang/String.html) **SERVLET\_CONTEXT**

Standard property: servlet context object.

Type: javax.servlet.ServletContext

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.SERVLET_CONTEXT)

### QUERY\_STRING

static final [String](http://docs.google.com/java/lang/String.html) **QUERY\_STRING**

Standard property: Query string for request.

Type: String

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.QUERY_STRING)

### PATH\_INFO

static final [String](http://docs.google.com/java/lang/String.html) **PATH\_INFO**

Standard property: Request Path Info

Type: String

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.handler.MessageContext.PATH_INFO)

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

### setScope

void **setScope**([String](http://docs.google.com/java/lang/String.html) name,  
 [MessageContext.Scope](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html) scope)

Sets the scope of a property.

**Parameters:**name - Name of the property associated with the MessageContextscope - Desired scope of the property **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if an illegal property name is specified

### getScope

[MessageContext.Scope](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html) **getScope**([String](http://docs.google.com/java/lang/String.html) name)

Gets the scope of a property.

**Parameters:**name - Name of the property **Returns:**Scope of the property **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if a non-existant property name is specified

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MessageContext.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/ws/handler/LogicalMessageContext.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/ws/handler/MessageContext.html)    [**NO FRAMES**](http://docs.google.com/MessageContext.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: [NESTED](#3znysh7) | [FIELD](#tyjcwt) | CONSTR | [METHOD](#3dy6vkm) | DETAIL: [FIELD](#4d34og8) | CONSTR | [METHOD](#qsh70q) |

[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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