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

## **javax.xml.ws**

Interface LogicalMessage

public interface **LogicalMessage**

The LogicalMessage interface represents a protocol agnostic XML message and contains methods that provide access to the payload of the message.

**Since:** JAX-WS 2.0

| **Method Summary** | |
| --- | --- |
| [Source](http://docs.google.com/javax/xml/transform/Source.html) | [**getPayload**](http://docs.google.com/javax/xml/ws/LogicalMessage.html#getPayload())()            Gets the message payload as an XML source, may be called multiple times on the same LogicalMessage instance, always returns a new Source that may be used to retrieve the entire message payload. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getPayload**](http://docs.google.com/javax/xml/ws/LogicalMessage.html#getPayload(javax.xml.bind.JAXBContext))([JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) context)            Gets the message payload as a JAXB object. |
| void | [**setPayload**](http://docs.google.com/javax/xml/ws/LogicalMessage.html#setPayload(java.lang.Object,%20javax.xml.bind.JAXBContext))([Object](http://docs.google.com/java/lang/Object.html) payload, [JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) context)            Sets the message payload |
| void | [**setPayload**](http://docs.google.com/javax/xml/ws/LogicalMessage.html#setPayload(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) payload)            Sets the message payload |

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

### getPayload

[Source](http://docs.google.com/javax/xml/transform/Source.html) **getPayload**()

Gets the message payload as an XML source, may be called multiple times on the same LogicalMessage instance, always returns a new Source that may be used to retrieve the entire message payload.

If the returned Source is an instance of DOMSource, then modifications to the encapsulated DOM tree change the message payload in-place, there is no need to susequently call setPayload. Other types of Source provide only read access to the message payload.

**Returns:**The contained message payload; returns null if no payload is present in this message.

### setPayload

void **setPayload**([Source](http://docs.google.com/javax/xml/transform/Source.html) payload)

Sets the message payload

**Parameters:**payload - message payload **Throws:** [WebServiceException](http://docs.google.com/javax/xml/ws/WebServiceException.html) - If any error during the setting of the payload in this message [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - If this operation is not supported

### getPayload

[Object](http://docs.google.com/java/lang/Object.html) **getPayload**([JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) context)

Gets the message payload as a JAXB object. Note that there is no connection between the returned object and the message payload, changes to the payload require calling setPayload.

**Parameters:**context - The JAXBContext that should be used to unmarshall the message payload **Returns:**The contained message payload; returns null if no payload is present in this message **Throws:** [WebServiceException](http://docs.google.com/javax/xml/ws/WebServiceException.html) - If an error occurs when using a supplied JAXBContext to unmarshall the payload. The cause of the WebServiceException is the original JAXBException.

### setPayload

void **setPayload**([Object](http://docs.google.com/java/lang/Object.html) payload,  
 [JAXBContext](http://docs.google.com/javax/xml/bind/JAXBContext.html) context)

Sets the message payload

**Parameters:**payload - message payloadcontext - The JAXBContext that should be used to marshall the payload **Throws:** [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html) - If this operation is not supported [WebServiceException](http://docs.google.com/javax/xml/ws/WebServiceException.html) - If an error occurs when using the supplied JAXBContext to marshall the payload. The cause of the WebServiceException is the original JAXBException.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/LogicalMessage.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[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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