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

## **javax.xml.ws.soap**

Interface SOAPBinding

**All Superinterfaces:** [Binding](http://docs.google.com/javax/xml/ws/Binding.html)

public interface **SOAPBinding**extends [Binding](http://docs.google.com/javax/xml/ws/Binding.html)

The SOAPBinding interface is an abstraction for the SOAP binding.

**Since:** JAX-WS 2.0

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP11HTTP\_BINDING**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#SOAP11HTTP_BINDING)            A constant representing the identity of the SOAP 1.1 over HTTP binding. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP11HTTP\_MTOM\_BINDING**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#SOAP11HTTP_MTOM_BINDING)            A constant representing the identity of the SOAP 1.1 over HTTP binding with MTOM enabled by default. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP12HTTP\_BINDING**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#SOAP12HTTP_BINDING)            A constant representing the identity of the SOAP 1.2 over HTTP binding. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAP12HTTP\_MTOM\_BINDING**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#SOAP12HTTP_MTOM_BINDING)            A constant representing the identity of the SOAP 1.2 over HTTP binding with MTOM enabled by default. |

| **Method Summary** | |
| --- | --- |
| [MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) | [**getMessageFactory**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#getMessageFactory())()            Gets the SAAJ MessageFactory instance used by this SOAP binding. |
| [Set](http://docs.google.com/java/util/Set.html)<[String](http://docs.google.com/java/lang/String.html)> | [**getRoles**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#getRoles())()            Gets the roles played by the SOAP binding instance. |
| [SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) | [**getSOAPFactory**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#getSOAPFactory())()            Gets the SAAJ SOAPFactory instance used by this SOAP binding. |
| boolean | [**isMTOMEnabled**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#isMTOMEnabled())()            Returns true if the use of MTOM is enabled. |
| void | [**setMTOMEnabled**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#setMTOMEnabled(boolean))(boolean flag)            Enables or disables use of MTOM. |
| void | [**setRoles**](http://docs.google.com/javax/xml/ws/soap/SOAPBinding.html#setRoles(java.util.Set))([Set](http://docs.google.com/java/util/Set.html)<[String](http://docs.google.com/java/lang/String.html)> roles)            Sets the roles played by the SOAP binding instance. |

| **Methods inherited from interface javax.xml.ws.**[**Binding**](http://docs.google.com/javax/xml/ws/Binding.html) |
| --- |
| [getHandlerChain](http://docs.google.com/javax/xml/ws/Binding.html#getHandlerChain()), [setHandlerChain](http://docs.google.com/javax/xml/ws/Binding.html#setHandlerChain(java.util.List)) |

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

### SOAP11HTTP\_BINDING

static final [String](http://docs.google.com/java/lang/String.html) **SOAP11HTTP\_BINDING**

A constant representing the identity of the SOAP 1.1 over HTTP binding.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.soap.SOAPBinding.SOAP11HTTP_BINDING)

### SOAP12HTTP\_BINDING

static final [String](http://docs.google.com/java/lang/String.html) **SOAP12HTTP\_BINDING**

A constant representing the identity of the SOAP 1.2 over HTTP binding.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.soap.SOAPBinding.SOAP12HTTP_BINDING)

### SOAP11HTTP\_MTOM\_BINDING

static final [String](http://docs.google.com/java/lang/String.html) **SOAP11HTTP\_MTOM\_BINDING**

A constant representing the identity of the SOAP 1.1 over HTTP binding with MTOM enabled by default.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.soap.SOAPBinding.SOAP11HTTP_MTOM_BINDING)

### SOAP12HTTP\_MTOM\_BINDING

static final [String](http://docs.google.com/java/lang/String.html) **SOAP12HTTP\_MTOM\_BINDING**

A constant representing the identity of the SOAP 1.2 over HTTP binding with MTOM enabled by default.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.ws.soap.SOAPBinding.SOAP12HTTP_MTOM_BINDING)

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

### getRoles

[Set](http://docs.google.com/java/util/Set.html)<[String](http://docs.google.com/java/lang/String.html)> **getRoles**()

Gets the roles played by the SOAP binding instance.

**Returns:**Set The set of roles played by the binding instance.

### setRoles

void **setRoles**([Set](http://docs.google.com/java/util/Set.html)<[String](http://docs.google.com/java/lang/String.html)> roles)

Sets the roles played by the SOAP binding instance.

**Parameters:**roles - The set of roles played by the binding instance. **Throws:** WebServiceException - On an error in the configuration of the list of roles.

### isMTOMEnabled

boolean **isMTOMEnabled**()

Returns true if the use of MTOM is enabled.

**Returns:**true if and only if the use of MTOM is enabled.

### setMTOMEnabled

void **setMTOMEnabled**(boolean flag)

Enables or disables use of MTOM.

**Parameters:**flag - A boolean specifying whether the use of MTOM should be enabled or disabled. **Throws:** WebServiceException - If the specified setting is not supported by this binding instance.

### getSOAPFactory

[SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) **getSOAPFactory**()

Gets the SAAJ SOAPFactory instance used by this SOAP binding.

**Returns:**SOAPFactory instance used by this SOAP binding.

### getMessageFactory

[MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) **getMessageFactory**()

Gets the SAAJ MessageFactory instance used by this SOAP binding.

**Returns:**MessageFactory instance used by this SOAP binding.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SOAPBinding.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](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | [METHOD](#3rdcrjn) |

[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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