| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BindingProvider.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/Binding.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/ws/BindingType.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/ws/BindingProvider.html)    [**NO FRAMES**](http://docs.google.com/BindingProvider.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#2et92p0) | DETAIL: [FIELD](#tyjcwt) | CONSTR | [METHOD](#26in1rg) |

## **javax.xml.ws**

Interface BindingProvider

**All Known Subinterfaces:** [Dispatch](http://docs.google.com/javax/xml/ws/Dispatch.html)<T>

public interface **BindingProvider**

The BindingProvider interface provides access to the protocol binding and associated context objects for request and response message processing.

**Since:** JAX-WS 2.0 **See Also:**[Binding](http://docs.google.com/javax/xml/ws/Binding.html)

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**ENDPOINT\_ADDRESS\_PROPERTY**](http://docs.google.com/javax/xml/ws/BindingProvider.html#ENDPOINT_ADDRESS_PROPERTY)            Standard property: Target service endpoint address. |
| static [String](http://docs.google.com/java/lang/String.html) | [**PASSWORD\_PROPERTY**](http://docs.google.com/javax/xml/ws/BindingProvider.html#PASSWORD_PROPERTY)            Standard property: Password for authentication. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SESSION\_MAINTAIN\_PROPERTY**](http://docs.google.com/javax/xml/ws/BindingProvider.html#SESSION_MAINTAIN_PROPERTY)            Standard property: This boolean property is used by a service client to indicate whether or not it wants to participate in a session with a service endpoint. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAPACTION\_URI\_PROPERTY**](http://docs.google.com/javax/xml/ws/BindingProvider.html#SOAPACTION_URI_PROPERTY)            Standard property for SOAPAction. |
| static [String](http://docs.google.com/java/lang/String.html) | [**SOAPACTION\_USE\_PROPERTY**](http://docs.google.com/javax/xml/ws/BindingProvider.html#SOAPACTION_USE_PROPERTY)            Standard property for SOAPAction. |
| static [String](http://docs.google.com/java/lang/String.html) | [**USERNAME\_PROPERTY**](http://docs.google.com/javax/xml/ws/BindingProvider.html#USERNAME_PROPERTY)            Standard property: User name for authentication. |

| **Method Summary** | |
| --- | --- |
| [Binding](http://docs.google.com/javax/xml/ws/Binding.html) | [**getBinding**](http://docs.google.com/javax/xml/ws/BindingProvider.html#getBinding())()            Get the Binding for this binding provider. |
| [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)> | [**getRequestContext**](http://docs.google.com/javax/xml/ws/BindingProvider.html#getRequestContext())()            Get the context that is used to initialize the message context for request messages. |
| [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)> | [**getResponseContext**](http://docs.google.com/javax/xml/ws/BindingProvider.html#getResponseContext())()            Get the context that resulted from processing a response message. |

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

### USERNAME\_PROPERTY

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

Standard property: User name for authentication.

Type: java.lang.String

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

### PASSWORD\_PROPERTY

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

Standard property: Password for authentication.

Type: java.lang.String

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

### ENDPOINT\_ADDRESS\_PROPERTY

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

Standard property: Target service endpoint address. The URI scheme for the endpoint address specification must correspond to the protocol/transport binding for the binding in use.

Type: java.lang.String

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

### SESSION\_MAINTAIN\_PROPERTY

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

Standard property: This boolean property is used by a service client to indicate whether or not it wants to participate in a session with a service endpoint. If this property is set to true, the service client indicates that it wants the session to be maintained. If set to false, the session is not maintained. The default value for this property is false.

Type: java.lang.Boolean

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

### SOAPACTION\_USE\_PROPERTY

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

Standard property for SOAPAction. This boolean property indicates whether or not SOAPAction is to be used. The default value of this property is false indicating that the SOAPAction is not used.

Type: java.lang.Boolean

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

### SOAPACTION\_URI\_PROPERTY

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

Standard property for SOAPAction. Indicates the SOAPAction URI if the javax.xml.ws.soap.http.soapaction.use property is set to true.

Type: java.lang.String

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

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

### getRequestContext

[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)> **getRequestContext**()

Get the context that is used to initialize the message context for request messages. Modifications to the request context do not affect the message context of either synchronous or asynchronous operations that have already been started.

**Returns:**The context that is used in processing request messages.

### getResponseContext

[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)> **getResponseContext**()

Get the context that resulted from processing a response message. The returned context is for the most recently completed synchronous operation. Subsequent synchronous operation invocations overwrite the response context. Asynchronous operations return their response context via the Response interface.

**Returns:**The context that resulted from processing the latest response messages.

### getBinding

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

Get the Binding for this binding provider.

**Returns:**The Binding for this binding provider.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BindingProvider.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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[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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