| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/WebServiceContext.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/WebServiceClient.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/ws/WebServiceException.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/ws/WebServiceContext.html)    [**NO FRAMES**](http://docs.google.com/WebServiceContext.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 WebServiceContext

public interface **WebServiceContext**

A WebServiceContext makes it possible for a web service endpoint implementation class to access message context and security information relative to a request being served. Typically a WebServiceContext is injected into an endpoint implementation class using the Resource annotation.

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

| **Method Summary** | |
| --- | --- |
| [MessageContext](http://docs.google.com/javax/xml/ws/handler/MessageContext.html) | [**getMessageContext**](http://docs.google.com/javax/xml/ws/WebServiceContext.html#getMessageContext())()            Returns the MessageContext for the request being served at the time this method is called. |
| [Principal](http://docs.google.com/java/security/Principal.html) | [**getUserPrincipal**](http://docs.google.com/javax/xml/ws/WebServiceContext.html#getUserPrincipal())()            Returns the Principal that identifies the sender of the request currently being serviced. |
| boolean | [**isUserInRole**](http://docs.google.com/javax/xml/ws/WebServiceContext.html#isUserInRole(java.lang.String))([String](http://docs.google.com/java/lang/String.html) role)            Returns a boolean indicating whether the authenticated user is included in the specified logical role. |

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

### getMessageContext

[MessageContext](http://docs.google.com/javax/xml/ws/handler/MessageContext.html) **getMessageContext**()

Returns the MessageContext for the request being served at the time this method is called. Only properties with APPLICATION scope will be visible to the application.

**Returns:**MessageContext The message context. **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - This exception is thrown if the method is called while no request is being serviced.**See Also:**[MessageContext](http://docs.google.com/javax/xml/ws/handler/MessageContext.html), [MessageContext.Scope](http://docs.google.com/javax/xml/ws/handler/MessageContext.Scope.html), [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html)

### getUserPrincipal

[Principal](http://docs.google.com/java/security/Principal.html) **getUserPrincipal**()

Returns the Principal that identifies the sender of the request currently being serviced. If the sender has not been authenticated, the method returns null.

**Returns:**Principal The principal object. **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - This exception is thrown if the method is called while no request is being serviced.**See Also:**[Principal](http://docs.google.com/java/security/Principal.html), [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html)

### isUserInRole

boolean **isUserInRole**([String](http://docs.google.com/java/lang/String.html) role)

Returns a boolean indicating whether the authenticated user is included in the specified logical role. If the user has not been authenticated, the method returns false.

**Parameters:**role - A String specifying the name of the role **Returns:**a boolean indicating whether the sender of the request belongs to a given role **Throws:** [IllegalStateException](http://docs.google.com/java/lang/IllegalStateException.html) - This exception is thrown if the method is called while no request is being serviced.

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