| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap//class-useSOAPElement.html)    [**NO FRAMES**](http://docs.google.com/SOAPElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.xml.soap.SOAPElement**

| Packages that use [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | |
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| [**javax.xml.soap**](#3znysh7) | Provides the API for creating and building SOAP messages. |

| Uses of [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) | |
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| Subinterfaces of [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) | |
| --- | --- |
| interface | [**Detail**](http://docs.google.com/javax/xml/soap/Detail.html)            A container for DetailEntry objects. |
| interface | [**DetailEntry**](http://docs.google.com/javax/xml/soap/DetailEntry.html)            The content for a Detail object, giving details for a SOAPFault object. |
| interface | [**SOAPBody**](http://docs.google.com/javax/xml/soap/SOAPBody.html)            An object that represents the contents of the SOAP body element in a SOAP message. |
| interface | [**SOAPBodyElement**](http://docs.google.com/javax/xml/soap/SOAPBodyElement.html)            A SOAPBodyElement object represents the contents in a SOAPBody object. |
| interface | [**SOAPEnvelope**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html)            The container for the SOAPHeader and SOAPBody portions of a SOAPPart object. |
| interface | [**SOAPFault**](http://docs.google.com/javax/xml/soap/SOAPFault.html)            An element in the SOAPBody object that contains error and/or status information. |
| interface | [**SOAPFaultElement**](http://docs.google.com/javax/xml/soap/SOAPFaultElement.html)            A representation of the contents in a SOAPFault object. |
| interface | [**SOAPHeader**](http://docs.google.com/javax/xml/soap/SOAPHeader.html)            A representation of the SOAP header element. |
| interface | [**SOAPHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html)            An object representing the contents in the SOAP header part of the SOAP envelope. |

| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) that return [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | |
| --- | --- |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addAttribute**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addAttribute(javax.xml.soap.Name,%20java.lang.String))([Name](http://docs.google.com/javax/xml/soap/Name.html) name, [String](http://docs.google.com/java/lang/String.html) value)            Adds an attribute with the specified name and value to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addAttribute**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addAttribute(javax.xml.namespace.QName,%20java.lang.String))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname, [String](http://docs.google.com/java/lang/String.html) value)            Adds an attribute with the specified name and value to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a new SOAPElement object initialized with the given Name object and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a new SOAPElement object initialized with the given QName object and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) element)            Add a SOAPElement as a child of this SOAPElement instance. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)            Creates a new SOAPElement object initialized with the specified local name and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix)            Creates a new SOAPElement object initialized with the specified local name and prefix and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Creates a new SOAPElement object initialized with the specified local name, prefix, and URI and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addNamespaceDeclaration**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addNamespaceDeclaration(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Adds a namespace declaration with the specified prefix and URI to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addTextNode**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addTextNode(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Creates a new Text object initialized with the given String and adds it to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElementFactory.**[**create**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#create(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)  **Deprecated.** *Use javax.xml.soap.SOAPFactory.createElement(javax.xml.soap.Name) instead* |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElementFactory.**[**create**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#create(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)  **Deprecated.** *Use javax.xml.soap.SOAPFactory.createElement(String localName) instead* |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElementFactory.**[**create**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#create(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)  **Deprecated.** *Use javax.xml.soap.SOAPFactory.createElement(String localName, String prefix, String uri) instead* |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(org.w3c.dom.Element))([Element](http://docs.google.com/org/w3c/dom/Element.html) domElement)            Creates a SOAPElement object from an existing DOM Element. |
| abstract  [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a SOAPElement object initialized with the given Name object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a SOAPElement object initialized with the given QName object. |
| abstract  [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)            Creates a SOAPElement object initialized with the given local name. |
| abstract  [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Creates a new SOAPElement object with the given local name, prefix and uri. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **Node.**[**getParentElement**](http://docs.google.com/javax/xml/soap/Node.html#getParentElement())()            Returns the parent element of this Node object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**setElementQName**](http://docs.google.com/javax/xml/soap/SOAPElement.html#setElementQName(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) newName)            Changes the name of this Element to newName if possible. |

| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) with parameters of type [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | |
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| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) element)            Add a SOAPElement as a child of this SOAPElement instance. |
| abstract  [AttachmentPart](http://docs.google.com/javax/xml/soap/AttachmentPart.html) | **SOAPMessage.**[**getAttachment**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#getAttachment(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) element)            Returns an AttachmentPart object that is associated with an attachment that is referenced by this SOAPElement or null if no such attachment exists. |
| void | **Node.**[**setParentElement**](http://docs.google.com/javax/xml/soap/Node.html#setParentElement(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) parent)            Sets the parent of this Node object to the given SOAPElement object. |

| Constructors in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) with parameters of type [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | |
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| [**SAAJResult**](http://docs.google.com/javax/xml/soap/SAAJResult.html#SAAJResult(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) rootNode)            Creates a SAAJResult that will write the results as a child node of the SOAPElement specified. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap//class-useSOAPElement.html)    [**NO FRAMES**](http://docs.google.com/SOAPElement.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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