| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Detail.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/soap/AttachmentPart.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/DetailEntry.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/Detail.html)    [**NO FRAMES**](http://docs.google.com/Detail.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#17dp8vu) |

## **javax.xml.soap**

Interface Detail

**All Superinterfaces:** [Element](http://docs.google.com/org/w3c/dom/Element.html), [Node](http://docs.google.com/org/w3c/dom/Node.html), [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html), [SOAPFaultElement](http://docs.google.com/javax/xml/soap/SOAPFaultElement.html)

public interface **Detail**extends [SOAPFaultElement](http://docs.google.com/javax/xml/soap/SOAPFaultElement.html)

A container for DetailEntry objects. DetailEntry objects give detailed error information that is application-specific and related to the SOAPBody object that contains it.

A Detail object, which is part of a SOAPFault object, can be retrieved using the method SOAPFault.getDetail. The Detail interface provides two methods. One creates a new DetailEntry object and also automatically adds it to the Detail object. The second method gets a list of the DetailEntry objects contained in a Detail object.

The following code fragment, in which *sf* is a SOAPFault object, gets its Detail object (*d*), adds a new DetailEntry object to *d*, and then gets a list of all the DetailEntry objects in *d*. The code also creates a Name object to pass to the method addDetailEntry. The variable *se*, used to create the Name object, is a SOAPEnvelope object.

Detail d = sf.getDetail();  
 Name name = se.createName("GetLastTradePrice", "WOMBAT",  
 "http://www.wombat.org/trader");  
 d.addDetailEntry(name);  
 Iterator it = d.getDetailEntries();

| **Field Summary** | |
| --- | --- |

| **Fields inherited from interface org.w3c.dom.**[**Node**](http://docs.google.com/org/w3c/dom/Node.html) |
| --- |
| [ATTRIBUTE\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ATTRIBUTE_NODE), [CDATA\_SECTION\_NODE](http://docs.google.com/org/w3c/dom/Node.html#CDATA_SECTION_NODE), [COMMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#COMMENT_NODE), [DOCUMENT\_FRAGMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_FRAGMENT_NODE), [DOCUMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_NODE), [DOCUMENT\_POSITION\_CONTAINED\_BY](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_CONTAINED_BY), [DOCUMENT\_POSITION\_CONTAINS](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_CONTAINS), [DOCUMENT\_POSITION\_DISCONNECTED](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_DISCONNECTED), [DOCUMENT\_POSITION\_FOLLOWING](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_FOLLOWING), [DOCUMENT\_POSITION\_IMPLEMENTATION\_SPECIFIC](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_IMPLEMENTATION_SPECIFIC), [DOCUMENT\_POSITION\_PRECEDING](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_POSITION_PRECEDING), [DOCUMENT\_TYPE\_NODE](http://docs.google.com/org/w3c/dom/Node.html#DOCUMENT_TYPE_NODE), [ELEMENT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ELEMENT_NODE), [ENTITY\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ENTITY_NODE), [ENTITY\_REFERENCE\_NODE](http://docs.google.com/org/w3c/dom/Node.html#ENTITY_REFERENCE_NODE), [NOTATION\_NODE](http://docs.google.com/org/w3c/dom/Node.html#NOTATION_NODE), [PROCESSING\_INSTRUCTION\_NODE](http://docs.google.com/org/w3c/dom/Node.html#PROCESSING_INSTRUCTION_NODE), [TEXT\_NODE](http://docs.google.com/org/w3c/dom/Node.html#TEXT_NODE) |

| **Method Summary** | |
| --- | --- |
| [DetailEntry](http://docs.google.com/javax/xml/soap/DetailEntry.html) | [**addDetailEntry**](http://docs.google.com/javax/xml/soap/Detail.html#addDetailEntry(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a new DetailEntry object with the given name and adds it to this Detail object. |
| [DetailEntry](http://docs.google.com/javax/xml/soap/DetailEntry.html) | [**addDetailEntry**](http://docs.google.com/javax/xml/soap/Detail.html#addDetailEntry(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a new DetailEntry object with the given QName and adds it to this Detail object. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | [**getDetailEntries**](http://docs.google.com/javax/xml/soap/Detail.html#getDetailEntries())()            Gets an Iterator over all of the DetailEntrys in this Detail object. |

| **Methods inherited from interface javax.xml.soap.**[**SOAPElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html) |
| --- |
| [addAttribute](http://docs.google.com/javax/xml/soap/SOAPElement.html#addAttribute(javax.xml.soap.Name,%20java.lang.String)), [addAttribute](http://docs.google.com/javax/xml/soap/SOAPElement.html#addAttribute(javax.xml.namespace.QName,%20java.lang.String)), [addChildElement](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.Name)), [addChildElement](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.namespace.QName)), [addChildElement](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.SOAPElement)), [addChildElement](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String)), [addChildElement](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String,%20java.lang.String)), [addChildElement](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String,%20java.lang.String,%20java.lang.String)), [addNamespaceDeclaration](http://docs.google.com/javax/xml/soap/SOAPElement.html#addNamespaceDeclaration(java.lang.String,%20java.lang.String)), [addTextNode](http://docs.google.com/javax/xml/soap/SOAPElement.html#addTextNode(java.lang.String)), [createQName](http://docs.google.com/javax/xml/soap/SOAPElement.html#createQName(java.lang.String,%20java.lang.String)), [getAllAttributes](http://docs.google.com/javax/xml/soap/SOAPElement.html#getAllAttributes()), [getAllAttributesAsQNames](http://docs.google.com/javax/xml/soap/SOAPElement.html#getAllAttributesAsQNames()), [getAttributeValue](http://docs.google.com/javax/xml/soap/SOAPElement.html#getAttributeValue(javax.xml.soap.Name)), [getAttributeValue](http://docs.google.com/javax/xml/soap/SOAPElement.html#getAttributeValue(javax.xml.namespace.QName)), [getChildElements](http://docs.google.com/javax/xml/soap/SOAPElement.html#getChildElements()), [getChildElements](http://docs.google.com/javax/xml/soap/SOAPElement.html#getChildElements(javax.xml.soap.Name)), [getChildElements](http://docs.google.com/javax/xml/soap/SOAPElement.html#getChildElements(javax.xml.namespace.QName)), [getElementName](http://docs.google.com/javax/xml/soap/SOAPElement.html#getElementName()), [getElementQName](http://docs.google.com/javax/xml/soap/SOAPElement.html#getElementQName()), [getEncodingStyle](http://docs.google.com/javax/xml/soap/SOAPElement.html#getEncodingStyle()), [getNamespacePrefixes](http://docs.google.com/javax/xml/soap/SOAPElement.html#getNamespacePrefixes()), [getNamespaceURI](http://docs.google.com/javax/xml/soap/SOAPElement.html#getNamespaceURI(java.lang.String)), [getVisibleNamespacePrefixes](http://docs.google.com/javax/xml/soap/SOAPElement.html#getVisibleNamespacePrefixes()), [removeAttribute](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeAttribute(javax.xml.soap.Name)), [removeAttribute](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeAttribute(javax.xml.namespace.QName)), [removeContents](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeContents()), [removeNamespaceDeclaration](http://docs.google.com/javax/xml/soap/SOAPElement.html#removeNamespaceDeclaration(java.lang.String)), [setElementQName](http://docs.google.com/javax/xml/soap/SOAPElement.html#setElementQName(javax.xml.namespace.QName)), [setEncodingStyle](http://docs.google.com/javax/xml/soap/SOAPElement.html#setEncodingStyle(java.lang.String)) |

| **Methods inherited from interface javax.xml.soap.**[**Node**](http://docs.google.com/javax/xml/soap/Node.html) |
| --- |
| [detachNode](http://docs.google.com/javax/xml/soap/Node.html#detachNode()), [getParentElement](http://docs.google.com/javax/xml/soap/Node.html#getParentElement()), [getValue](http://docs.google.com/javax/xml/soap/Node.html#getValue()), [recycleNode](http://docs.google.com/javax/xml/soap/Node.html#recycleNode()), [setParentElement](http://docs.google.com/javax/xml/soap/Node.html#setParentElement(javax.xml.soap.SOAPElement)), [setValue](http://docs.google.com/javax/xml/soap/Node.html#setValue(java.lang.String)) |

| **Methods inherited from interface org.w3c.dom.**[**Element**](http://docs.google.com/org/w3c/dom/Element.html) |
| --- |
| [getAttribute](http://docs.google.com/org/w3c/dom/Element.html#getAttribute(java.lang.String)), [getAttributeNode](http://docs.google.com/org/w3c/dom/Element.html#getAttributeNode(java.lang.String)), [getAttributeNodeNS](http://docs.google.com/org/w3c/dom/Element.html#getAttributeNodeNS(java.lang.String,%20java.lang.String)), [getAttributeNS](http://docs.google.com/org/w3c/dom/Element.html#getAttributeNS(java.lang.String,%20java.lang.String)), [getElementsByTagName](http://docs.google.com/org/w3c/dom/Element.html#getElementsByTagName(java.lang.String)), [getElementsByTagNameNS](http://docs.google.com/org/w3c/dom/Element.html#getElementsByTagNameNS(java.lang.String,%20java.lang.String)), [getSchemaTypeInfo](http://docs.google.com/org/w3c/dom/Element.html#getSchemaTypeInfo()), [getTagName](http://docs.google.com/org/w3c/dom/Element.html#getTagName()), [hasAttribute](http://docs.google.com/org/w3c/dom/Element.html#hasAttribute(java.lang.String)), [hasAttributeNS](http://docs.google.com/org/w3c/dom/Element.html#hasAttributeNS(java.lang.String,%20java.lang.String)), [removeAttribute](http://docs.google.com/org/w3c/dom/Element.html#removeAttribute(java.lang.String)), [removeAttributeNode](http://docs.google.com/org/w3c/dom/Element.html#removeAttributeNode(org.w3c.dom.Attr)), [removeAttributeNS](http://docs.google.com/org/w3c/dom/Element.html#removeAttributeNS(java.lang.String,%20java.lang.String)), [setAttribute](http://docs.google.com/org/w3c/dom/Element.html#setAttribute(java.lang.String,%20java.lang.String)), [setAttributeNode](http://docs.google.com/org/w3c/dom/Element.html#setAttributeNode(org.w3c.dom.Attr)), [setAttributeNodeNS](http://docs.google.com/org/w3c/dom/Element.html#setAttributeNodeNS(org.w3c.dom.Attr)), [setAttributeNS](http://docs.google.com/org/w3c/dom/Element.html#setAttributeNS(java.lang.String,%20java.lang.String,%20java.lang.String)), [setIdAttribute](http://docs.google.com/org/w3c/dom/Element.html#setIdAttribute(java.lang.String,%20boolean)), [setIdAttributeNode](http://docs.google.com/org/w3c/dom/Element.html#setIdAttributeNode(org.w3c.dom.Attr,%20boolean)), [setIdAttributeNS](http://docs.google.com/org/w3c/dom/Element.html#setIdAttributeNS(java.lang.String,%20java.lang.String,%20boolean)) |

| **Methods inherited from interface org.w3c.dom.**[**Node**](http://docs.google.com/org/w3c/dom/Node.html) |
| --- |
| [appendChild](http://docs.google.com/org/w3c/dom/Node.html#appendChild(org.w3c.dom.Node)), [cloneNode](http://docs.google.com/org/w3c/dom/Node.html#cloneNode(boolean)), [compareDocumentPosition](http://docs.google.com/org/w3c/dom/Node.html#compareDocumentPosition(org.w3c.dom.Node)), [getAttributes](http://docs.google.com/org/w3c/dom/Node.html#getAttributes()), [getBaseURI](http://docs.google.com/org/w3c/dom/Node.html#getBaseURI()), [getChildNodes](http://docs.google.com/org/w3c/dom/Node.html#getChildNodes()), [getFeature](http://docs.google.com/org/w3c/dom/Node.html#getFeature(java.lang.String,%20java.lang.String)), [getFirstChild](http://docs.google.com/org/w3c/dom/Node.html#getFirstChild()), [getLastChild](http://docs.google.com/org/w3c/dom/Node.html#getLastChild()), [getLocalName](http://docs.google.com/org/w3c/dom/Node.html#getLocalName()), [getNamespaceURI](http://docs.google.com/org/w3c/dom/Node.html#getNamespaceURI()), [getNextSibling](http://docs.google.com/org/w3c/dom/Node.html#getNextSibling()), [getNodeName](http://docs.google.com/org/w3c/dom/Node.html#getNodeName()), [getNodeType](http://docs.google.com/org/w3c/dom/Node.html#getNodeType()), [getNodeValue](http://docs.google.com/org/w3c/dom/Node.html#getNodeValue()), [getOwnerDocument](http://docs.google.com/org/w3c/dom/Node.html#getOwnerDocument()), [getParentNode](http://docs.google.com/org/w3c/dom/Node.html#getParentNode()), [getPrefix](http://docs.google.com/org/w3c/dom/Node.html#getPrefix()), [getPreviousSibling](http://docs.google.com/org/w3c/dom/Node.html#getPreviousSibling()), [getTextContent](http://docs.google.com/org/w3c/dom/Node.html#getTextContent()), [getUserData](http://docs.google.com/org/w3c/dom/Node.html#getUserData(java.lang.String)), [hasAttributes](http://docs.google.com/org/w3c/dom/Node.html#hasAttributes()), [hasChildNodes](http://docs.google.com/org/w3c/dom/Node.html#hasChildNodes()), [insertBefore](http://docs.google.com/org/w3c/dom/Node.html#insertBefore(org.w3c.dom.Node,%20org.w3c.dom.Node)), [isDefaultNamespace](http://docs.google.com/org/w3c/dom/Node.html#isDefaultNamespace(java.lang.String)), [isEqualNode](http://docs.google.com/org/w3c/dom/Node.html#isEqualNode(org.w3c.dom.Node)), [isSameNode](http://docs.google.com/org/w3c/dom/Node.html#isSameNode(org.w3c.dom.Node)), [isSupported](http://docs.google.com/org/w3c/dom/Node.html#isSupported(java.lang.String,%20java.lang.String)), [lookupNamespaceURI](http://docs.google.com/org/w3c/dom/Node.html#lookupNamespaceURI(java.lang.String)), [lookupPrefix](http://docs.google.com/org/w3c/dom/Node.html#lookupPrefix(java.lang.String)), [normalize](http://docs.google.com/org/w3c/dom/Node.html#normalize()), [removeChild](http://docs.google.com/org/w3c/dom/Node.html#removeChild(org.w3c.dom.Node)), [replaceChild](http://docs.google.com/org/w3c/dom/Node.html#replaceChild(org.w3c.dom.Node,%20org.w3c.dom.Node)), [setNodeValue](http://docs.google.com/org/w3c/dom/Node.html#setNodeValue(java.lang.String)), [setPrefix](http://docs.google.com/org/w3c/dom/Node.html#setPrefix(java.lang.String)), [setTextContent](http://docs.google.com/org/w3c/dom/Node.html#setTextContent(java.lang.String)), [setUserData](http://docs.google.com/org/w3c/dom/Node.html#setUserData(java.lang.String,%20java.lang.Object,%20org.w3c.dom.UserDataHandler)) |

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

### addDetailEntry

[DetailEntry](http://docs.google.com/javax/xml/soap/DetailEntry.html) **addDetailEntry**([Name](http://docs.google.com/javax/xml/soap/Name.html) name)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Creates a new DetailEntry object with the given name and adds it to this Detail object.

**Parameters:**name - a Name object identifying the new DetailEntry object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - thrown when there is a problem in adding a DetailEntry object to this Detail object.**See Also:**[addDetailEntry(QName qname)](http://docs.google.com/javax/xml/soap/Detail.html#addDetailEntry(javax.xml.namespace.QName))

### addDetailEntry

[DetailEntry](http://docs.google.com/javax/xml/soap/DetailEntry.html) **addDetailEntry**([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)  
 throws [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html)

Creates a new DetailEntry object with the given QName and adds it to this Detail object. This method is the preferred over the one using Name.

**Parameters:**qname - a QName object identifying the new DetailEntry object **Throws:** [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) - thrown when there is a problem in adding a DetailEntry object to this Detail object.**Since:** SAAJ 1.3 **See Also:**[addDetailEntry(Name name)](http://docs.google.com/javax/xml/soap/Detail.html#addDetailEntry(javax.xml.soap.Name))

### getDetailEntries

[Iterator](http://docs.google.com/java/util/Iterator.html) **getDetailEntries**()

Gets an Iterator over all of the DetailEntrys in this Detail object.

**Returns:**an Iterator object over the DetailEntry objects in this Detail object

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Detail.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/soap/AttachmentPart.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/soap/DetailEntry.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap/Detail.html)    [**NO FRAMES**](http://docs.google.com/Detail.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#17dp8vu) |

[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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