| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ValidationEventLocatorImpl.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/bind/helpers/ValidationEventImpl.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/helpers/ValidationEventLocatorImpl.html)    [**NO FRAMES**](http://docs.google.com/ValidationEventLocatorImpl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#26in1rg) |

## **javax.xml.bind.helpers**

Class ValidationEventLocatorImpl

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.bind.helpers.ValidationEventLocatorImpl**

**All Implemented Interfaces:** [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html)

public class **ValidationEventLocatorImpl**extends [Object](http://docs.google.com/java/lang/Object.html)implements [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html)

Default implementation of the ValidationEventLocator interface.

JAXB providers are allowed to use whatever class that implements the ValidationEventLocator interface. This class is just provided for a convenience.

**Since:** JAXB1.0 **See Also:**[Validator](http://docs.google.com/javax/xml/bind/Validator.html), [ValidationEventHandler](http://docs.google.com/javax/xml/bind/ValidationEventHandler.html), [ValidationEvent](http://docs.google.com/javax/xml/bind/ValidationEvent.html), [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html)

| **Constructor Summary** | |
| --- | --- |
| [**ValidationEventLocatorImpl**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#ValidationEventLocatorImpl())()            Creates an object with all fields unavailable. |
| [**ValidationEventLocatorImpl**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#ValidationEventLocatorImpl(org.xml.sax.Locator))([Locator](http://docs.google.com/org/xml/sax/Locator.html) loc)            Constructs an object from an org.xml.sax.Locator. |
| [**ValidationEventLocatorImpl**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#ValidationEventLocatorImpl(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) \_node)            Constructs an object that points to a DOM Node. |
| [**ValidationEventLocatorImpl**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#ValidationEventLocatorImpl(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) \_object)            Constructs an object that points to a JAXB content object. |
| [**ValidationEventLocatorImpl**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#ValidationEventLocatorImpl(org.xml.sax.SAXParseException))([SAXParseException](http://docs.google.com/org/xml/sax/SAXParseException.html) e)            Constructs an object from the location information of a SAXParseException. |

| **Method Summary** | |
| --- | --- |
| int | [**getColumnNumber**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#getColumnNumber())()            Return the column number if available |
| int | [**getLineNumber**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#getLineNumber())()            Return the line number if available |
| [Node](http://docs.google.com/org/w3c/dom/Node.html) | [**getNode**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#getNode())()            Return a reference to the DOM Node if available |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getObject**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#getObject())()            Return a reference to the object in the Java content tree if available |
| int | [**getOffset**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#getOffset())()            Return the byte offset if available |
| [URL](http://docs.google.com/java/net/URL.html) | [**getURL**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#getURL())()            Return the name of the XML source as a URL if available |
| void | [**setColumnNumber**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#setColumnNumber(int))(int \_columnNumber)            Set the columnNumber field on this event locator. |
| void | [**setLineNumber**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#setLineNumber(int))(int \_lineNumber)            Set the lineNumber field on this event locator. |
| void | [**setNode**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#setNode(org.w3c.dom.Node))([Node](http://docs.google.com/org/w3c/dom/Node.html) \_node)            Set the Node field on this event locator. |
| void | [**setObject**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#setObject(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) \_object)            Set the Object field on this event locator. |
| void | [**setOffset**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#setOffset(int))(int \_offset)            Set the offset field on this event locator. |
| void | [**setURL**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#setURL(java.net.URL))([URL](http://docs.google.com/java/net/URL.html) \_url)            Set the URL field on this event locator. |
| [String](http://docs.google.com/java/lang/String.html) | [**toString**](http://docs.google.com/javax/xml/bind/helpers/ValidationEventLocatorImpl.html#toString())()            Returns a string representation of this object in a format helpful to debugging. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### ValidationEventLocatorImpl

public **ValidationEventLocatorImpl**()

Creates an object with all fields unavailable.

### ValidationEventLocatorImpl

public **ValidationEventLocatorImpl**([Locator](http://docs.google.com/org/xml/sax/Locator.html) loc)

Constructs an object from an org.xml.sax.Locator. The object's ColumnNumber, LineNumber, and URL become available from the values returned by the locator's getColumnNumber(), getLineNumber(), and getSystemId() methods respectively. Node, Object, and Offset are not available.

**Parameters:**loc - the SAX Locator object that will be used to populate this event locator. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the Locator is null

### ValidationEventLocatorImpl

public **ValidationEventLocatorImpl**([SAXParseException](http://docs.google.com/org/xml/sax/SAXParseException.html) e)

Constructs an object from the location information of a SAXParseException. The object's ColumnNumber, LineNumber, and URL become available from the values returned by the locator's getColumnNumber(), getLineNumber(), and getSystemId() methods respectively. Node, Object, and Offset are not available.

**Parameters:**e - the SAXParseException object that will be used to populate this event locator. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the SAXParseException is null

### ValidationEventLocatorImpl

public **ValidationEventLocatorImpl**([Node](http://docs.google.com/org/w3c/dom/Node.html) \_node)

Constructs an object that points to a DOM Node. The object's Node becomes available. ColumnNumber, LineNumber, Object, Offset, and URL are not available.

**Parameters:**\_node - the DOM Node object that will be used to populate this event locator. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the Node is null

### ValidationEventLocatorImpl

public **ValidationEventLocatorImpl**([Object](http://docs.google.com/java/lang/Object.html) \_object)

Constructs an object that points to a JAXB content object. The object's Object becomes available. ColumnNumber, LineNumber, Node, Offset, and URL are not available.

**Parameters:**\_object - the Object that will be used to populate this event locator. **Throws:** [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the Object is null

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

### getURL

public [URL](http://docs.google.com/java/net/URL.html) **getURL**()

**Description copied from interface:** [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getURL()) Return the name of the XML source as a URL if available

**Specified by:**[getURL](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getURL()) in interface [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html) **Returns:**the name of the XML source as a URL or null if unavailable**See Also:**[ValidationEventLocator.getURL()](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getURL())

### setURL

public void **setURL**([URL](http://docs.google.com/java/net/URL.html) \_url)

Set the URL field on this event locator. Null values are allowed.

**Parameters:**\_url - the url

### getOffset

public int **getOffset**()

**Description copied from interface:** [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getOffset()) Return the byte offset if available

**Specified by:**[getOffset](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getOffset()) in interface [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html) **Returns:**the byte offset into the input source or -1 if unavailable**See Also:**[ValidationEventLocator.getOffset()](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getOffset())

### setOffset

public void **setOffset**(int \_offset)

Set the offset field on this event locator.

**Parameters:**\_offset - the offset

### getLineNumber

public int **getLineNumber**()

**Description copied from interface:** [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getLineNumber()) Return the line number if available

**Specified by:**[getLineNumber](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getLineNumber()) in interface [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html) **Returns:**the line number or -1 if unavailable**See Also:**[ValidationEventLocator.getLineNumber()](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getLineNumber())

### setLineNumber

public void **setLineNumber**(int \_lineNumber)

Set the lineNumber field on this event locator.

**Parameters:**\_lineNumber - the line number

### getColumnNumber

public int **getColumnNumber**()

**Description copied from interface:** [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getColumnNumber()) Return the column number if available

**Specified by:**[getColumnNumber](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getColumnNumber()) in interface [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html) **Returns:**the column number or -1 if unavailable**See Also:**[ValidationEventLocator.getColumnNumber()](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getColumnNumber())

### setColumnNumber

public void **setColumnNumber**(int \_columnNumber)

Set the columnNumber field on this event locator.

**Parameters:**\_columnNumber - the column number

### getObject

public [Object](http://docs.google.com/java/lang/Object.html) **getObject**()

**Description copied from interface:** [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getObject()) Return a reference to the object in the Java content tree if available

**Specified by:**[getObject](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getObject()) in interface [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html) **Returns:**a reference to the object in the Java content tree or null if unavailable**See Also:**[ValidationEventLocator.getObject()](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getObject())

### setObject

public void **setObject**([Object](http://docs.google.com/java/lang/Object.html) \_object)

Set the Object field on this event locator. Null values are allowed.

**Parameters:**\_object - the java content object

### getNode

public [Node](http://docs.google.com/org/w3c/dom/Node.html) **getNode**()

**Description copied from interface:** [**ValidationEventLocator**](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getNode()) Return a reference to the DOM Node if available

**Specified by:**[getNode](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getNode()) in interface [ValidationEventLocator](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html) **Returns:**a reference to the DOM Node or null if unavailable**See Also:**[ValidationEventLocator.getNode()](http://docs.google.com/javax/xml/bind/ValidationEventLocator.html#getNode())

### setNode

public void **setNode**([Node](http://docs.google.com/org/w3c/dom/Node.html) \_node)

Set the Node field on this event locator. Null values are allowed.

**Parameters:**\_node - the Node

### toString

public [String](http://docs.google.com/java/lang/String.html) **toString**()

Returns a string representation of this object in a format helpful to debugging.

**Overrides:**[toString](http://docs.google.com/java/lang/Object.html#toString()) in class [Object](http://docs.google.com/java/lang/Object.html) **Returns:**a string representation of the object.**See Also:**[Object.equals(Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.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/ValidationEventLocatorImpl.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/bind/helpers/ValidationEventImpl.html)   NEXT CLASS | [**FRAMES**](http://docs.google.com/index.html?javax/xml/bind/helpers/ValidationEventLocatorImpl.html)    [**NO FRAMES**](http://docs.google.com/ValidationEventLocatorImpl.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#26in1rg) |

[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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