| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XMLEventFactory.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/stream/StreamFilter.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/XMLEventFactory.html)    [**NO FRAMES**](http://docs.google.com/XMLEventFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.xml.stream**

Class XMLEventFactory

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.xml.stream.XMLEventFactory**

public abstract class **XMLEventFactory**extends [Object](http://docs.google.com/java/lang/Object.html)

This interface defines a utility class for creating instances of XMLEvents

**Since:** 1.6 **See Also:**[StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html), [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html), [ProcessingInstruction](http://docs.google.com/javax/xml/stream/events/ProcessingInstruction.html), [Comment](http://docs.google.com/javax/xml/stream/events/Comment.html), [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html), [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html), [EndDocument](http://docs.google.com/javax/xml/stream/events/EndDocument.html), [DTD](http://docs.google.com/javax/xml/stream/events/DTD.html)

| **Constructor Summary** | |
| --- | --- |
| protected | [**XMLEventFactory**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#XMLEventFactory())() |

| **Method Summary** | |
| --- | --- |
| abstract  [Attribute](http://docs.google.com/javax/xml/stream/events/Attribute.html) | [**createAttribute**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createAttribute(javax.xml.namespace.QName,%20java.lang.String))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name, [String](http://docs.google.com/java/lang/String.html) value)            Create a new Attribute |
| abstract  [Attribute](http://docs.google.com/javax/xml/stream/events/Attribute.html) | [**createAttribute**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createAttribute(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) value)            Create a new Attribute |
| abstract  [Attribute](http://docs.google.com/javax/xml/stream/events/Attribute.html) | [**createAttribute**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createAttribute(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) namespaceURI, [String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) value)            Create a new Attribute |
| abstract  [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) | [**createCData**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createCData(java.lang.String))([String](http://docs.google.com/java/lang/String.html) content)            Create a Characters event with the CData flag set to true |
| abstract  [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) | [**createCharacters**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createCharacters(java.lang.String))([String](http://docs.google.com/java/lang/String.html) content)            Create a Characters event, this method does not check if the content is all whitespace. |
| abstract  [Comment](http://docs.google.com/javax/xml/stream/events/Comment.html) | [**createComment**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createComment(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Create a comment |
| abstract  [DTD](http://docs.google.com/javax/xml/stream/events/DTD.html) | [**createDTD**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createDTD(java.lang.String))([String](http://docs.google.com/java/lang/String.html) dtd)            Create a document type definition event This string contains the entire document type declaration that matches the doctypedecl in the XML 1.0 specification |
| abstract  [EndDocument](http://docs.google.com/javax/xml/stream/events/EndDocument.html) | [**createEndDocument**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createEndDocument())()            Creates a new instance of an EndDocument event |
| abstract  [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html) | [**createEndElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createEndElement(javax.xml.namespace.QName,%20java.util.Iterator))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name, [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)            Create a new EndElement |
| abstract  [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html) | [**createEndElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createEndElement(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) namespaceUri, [String](http://docs.google.com/java/lang/String.html) localName)            Create a new EndElement |
| abstract  [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html) | [**createEndElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createEndElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.util.Iterator))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) namespaceUri, [String](http://docs.google.com/java/lang/String.html) localName, [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)            Create a new EndElement |
| abstract  [EntityReference](http://docs.google.com/javax/xml/stream/events/EntityReference.html) | [**createEntityReference**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createEntityReference(java.lang.String,%20javax.xml.stream.events.EntityDeclaration))([String](http://docs.google.com/java/lang/String.html) name, [EntityDeclaration](http://docs.google.com/javax/xml/stream/events/EntityDeclaration.html) declaration)            Creates a new instance of a EntityReference event |
| abstract  [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) | [**createIgnorableSpace**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createIgnorableSpace(java.lang.String))([String](http://docs.google.com/java/lang/String.html) content)            Create an ignorable space |
| abstract  [Namespace](http://docs.google.com/javax/xml/stream/events/Namespace.html) | [**createNamespace**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createNamespace(java.lang.String))([String](http://docs.google.com/java/lang/String.html) namespaceURI)            Create a new default Namespace |
| abstract  [Namespace](http://docs.google.com/javax/xml/stream/events/Namespace.html) | [**createNamespace**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createNamespace(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) namespaceUri)            Create a new Namespace |
| abstract  [ProcessingInstruction](http://docs.google.com/javax/xml/stream/events/ProcessingInstruction.html) | [**createProcessingInstruction**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createProcessingInstruction(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) target, [String](http://docs.google.com/java/lang/String.html) data)            Create a processing instruction |
| abstract  [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) | [**createSpace**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createSpace(java.lang.String))([String](http://docs.google.com/java/lang/String.html) content)            Create a Characters event with the isSpace flag set to true |
| abstract  [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) | [**createStartDocument**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartDocument())()            Creates a new instance of a StartDocument event |
| abstract  [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) | [**createStartDocument**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartDocument(java.lang.String))([String](http://docs.google.com/java/lang/String.html) encoding)            Creates a new instance of a StartDocument event |
| abstract  [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) | [**createStartDocument**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartDocument(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) encoding, [String](http://docs.google.com/java/lang/String.html) version)            Creates a new instance of a StartDocument event |
| abstract  [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) | [**createStartDocument**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartDocument(java.lang.String,%20java.lang.String,%20boolean))([String](http://docs.google.com/java/lang/String.html) encoding, [String](http://docs.google.com/java/lang/String.html) version, boolean standalone)            Creates a new instance of a StartDocument event |
| abstract  [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) | [**createStartElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartElement(javax.xml.namespace.QName,%20java.util.Iterator,%20java.util.Iterator))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name, [Iterator](http://docs.google.com/java/util/Iterator.html) attributes, [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)            Create a new StartElement. |
| abstract  [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) | [**createStartElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartElement(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) namespaceUri, [String](http://docs.google.com/java/lang/String.html) localName)            Create a new StartElement. |
| abstract  [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) | [**createStartElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.util.Iterator,%20java.util.Iterator))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) namespaceUri, [String](http://docs.google.com/java/lang/String.html) localName, [Iterator](http://docs.google.com/java/util/Iterator.html) attributes, [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)            Create a new StartElement. |
| abstract  [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) | [**createStartElement**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#createStartElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20java.util.Iterator,%20java.util.Iterator,%20javax.xml.namespace.NamespaceContext))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) namespaceUri, [String](http://docs.google.com/java/lang/String.html) localName, [Iterator](http://docs.google.com/java/util/Iterator.html) attributes, [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces, [NamespaceContext](http://docs.google.com/javax/xml/namespace/NamespaceContext.html) context)            Create a new StartElement. |
| static [XMLEventFactory](http://docs.google.com/javax/xml/stream/XMLEventFactory.html) | [**newInstance**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#newInstance())()            Create a new instance of the factory |
| static [XMLEventFactory](http://docs.google.com/javax/xml/stream/XMLEventFactory.html) | [**newInstance**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#newInstance(java.lang.String,%20java.lang.ClassLoader))([String](http://docs.google.com/java/lang/String.html) factoryId, [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) classLoader)            Create a new instance of the factory |
| abstract  void | [**setLocation**](http://docs.google.com/javax/xml/stream/XMLEventFactory.html#setLocation(javax.xml.stream.Location))([Location](http://docs.google.com/javax/xml/stream/Location.html) location)            This method allows setting of the Location on each event that is created by this factory. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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** |
| --- |

### XMLEventFactory

protected **XMLEventFactory**()

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

### newInstance

public static [XMLEventFactory](http://docs.google.com/javax/xml/stream/XMLEventFactory.html) **newInstance**()  
 throws [FactoryConfigurationError](http://docs.google.com/javax/xml/stream/FactoryConfigurationError.html)

Create a new instance of the factory

**Throws:** [FactoryConfigurationError](http://docs.google.com/javax/xml/stream/FactoryConfigurationError.html) - if an instance of this factory cannot be loaded

### newInstance

public static [XMLEventFactory](http://docs.google.com/javax/xml/stream/XMLEventFactory.html) **newInstance**([String](http://docs.google.com/java/lang/String.html) factoryId,  
 [ClassLoader](http://docs.google.com/java/lang/ClassLoader.html) classLoader)  
 throws [FactoryConfigurationError](http://docs.google.com/javax/xml/stream/FactoryConfigurationError.html)

Create a new instance of the factory

**Parameters:**factoryId - Name of the factory to find, same as a property nameclassLoader - classLoader to use **Returns:**the factory implementation **Throws:** [FactoryConfigurationError](http://docs.google.com/javax/xml/stream/FactoryConfigurationError.html) - if an instance of this factory cannot be loaded

### setLocation

public abstract void **setLocation**([Location](http://docs.google.com/javax/xml/stream/Location.html) location)

This method allows setting of the Location on each event that is created by this factory. The values are copied by value into the events created by this factory. To reset the location information set the location to null.

**Parameters:**location - the location to set on each event created

### createAttribute

public abstract [Attribute](http://docs.google.com/javax/xml/stream/events/Attribute.html) **createAttribute**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceURI,  
 [String](http://docs.google.com/java/lang/String.html) localName,  
 [String](http://docs.google.com/java/lang/String.html) value)

Create a new Attribute

**Parameters:**prefix - the prefix of this attribute, may not be nullnamespaceURI - the attribute value is set to this value, may not be nulllocalName - the local name of the XML name of the attribute, localName cannot be nullvalue - the attribute value to set, may not be null **Returns:**the Attribute with specified values

### createAttribute

public abstract [Attribute](http://docs.google.com/javax/xml/stream/events/Attribute.html) **createAttribute**([String](http://docs.google.com/java/lang/String.html) localName,  
 [String](http://docs.google.com/java/lang/String.html) value)

Create a new Attribute

**Parameters:**localName - the local name of the XML name of the attribute, localName cannot be nullvalue - the attribute value to set, may not be null **Returns:**the Attribute with specified values

### createAttribute

public abstract [Attribute](http://docs.google.com/javax/xml/stream/events/Attribute.html) **createAttribute**([QName](http://docs.google.com/javax/xml/namespace/QName.html) name,  
 [String](http://docs.google.com/java/lang/String.html) value)

Create a new Attribute

**Parameters:**name - the qualified name of the attribute, may not be nullvalue - the attribute value to set, may not be null **Returns:**the Attribute with specified values

### createNamespace

public abstract [Namespace](http://docs.google.com/javax/xml/stream/events/Namespace.html) **createNamespace**([String](http://docs.google.com/java/lang/String.html) namespaceURI)

Create a new default Namespace

**Parameters:**namespaceURI - the default namespace uri **Returns:**the Namespace with the specified value

### createNamespace

public abstract [Namespace](http://docs.google.com/javax/xml/stream/events/Namespace.html) **createNamespace**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceUri)

Create a new Namespace

**Parameters:**prefix - the prefix of this namespace, may not be nullnamespaceUri - the attribute value is set to this value, may not be null **Returns:**the Namespace with the specified values

### createStartElement

public abstract [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) **createStartElement**([QName](http://docs.google.com/javax/xml/namespace/QName.html) name,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) attributes,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)

Create a new StartElement. Namespaces can be added to this StartElement by passing in an Iterator that walks over a set of Namespace interfaces. Attributes can be added to this StartElement by passing an iterator that walks over a set of Attribute interfaces.

**Parameters:**name - the qualified name of the attribute, may not be nullattributes - an optional unordered set of objects that implement Attribute to add to the new StartElement, may be nullnamespaces - an optional unordered set of objects that implement Namespace to add to the new StartElement, may be null **Returns:**an instance of the requested StartElement

### createStartElement

public abstract [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) **createStartElement**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceUri,  
 [String](http://docs.google.com/java/lang/String.html) localName)

Create a new StartElement. This defaults the NamespaceContext to an empty NamespaceContext. Querying this event for its namespaces or attributes will result in an empty iterator being returned.

**Parameters:**namespaceUri - the uri of the QName of the new StartElementlocalName - the local name of the QName of the new StartElementprefix - the prefix of the QName of the new StartElement **Returns:**an instance of the requested StartElement

### createStartElement

public abstract [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) **createStartElement**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceUri,  
 [String](http://docs.google.com/java/lang/String.html) localName,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) attributes,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)

Create a new StartElement. Namespaces can be added to this StartElement by passing in an Iterator that walks over a set of Namespace interfaces. Attributes can be added to this StartElement by passing an iterator that walks over a set of Attribute interfaces.

**Parameters:**namespaceUri - the uri of the QName of the new StartElementlocalName - the local name of the QName of the new StartElementprefix - the prefix of the QName of the new StartElementattributes - an unordered set of objects that implement Attribute to add to the new StartElementnamespaces - an unordered set of objects that implement Namespace to add to the new StartElement **Returns:**an instance of the requested StartElement

### createStartElement

public abstract [StartElement](http://docs.google.com/javax/xml/stream/events/StartElement.html) **createStartElement**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceUri,  
 [String](http://docs.google.com/java/lang/String.html) localName,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) attributes,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces,  
 [NamespaceContext](http://docs.google.com/javax/xml/namespace/NamespaceContext.html) context)

Create a new StartElement. Namespaces can be added to this StartElement by passing in an Iterator that walks over a set of Namespace interfaces. Attributes can be added to this StartElement by passing an iterator that walks over a set of Attribute interfaces.

**Parameters:**namespaceUri - the uri of the QName of the new StartElementlocalName - the local name of the QName of the new StartElementprefix - the prefix of the QName of the new StartElementattributes - an unordered set of objects that implement Attribute to add to the new StartElement, may be nullnamespaces - an unordered set of objects that implement Namespace to add to the new StartElement, may be nullcontext - the namespace context of this element **Returns:**an instance of the requested StartElement

### createEndElement

public abstract [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html) **createEndElement**([QName](http://docs.google.com/javax/xml/namespace/QName.html) name,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)

Create a new EndElement

**Parameters:**name - the qualified name of the EndElementnamespaces - an optional unordered set of objects that implement Namespace that have gone out of scope, may be null **Returns:**an instance of the requested EndElement

### createEndElement

public abstract [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html) **createEndElement**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceUri,  
 [String](http://docs.google.com/java/lang/String.html) localName)

Create a new EndElement

**Parameters:**namespaceUri - the uri of the QName of the new StartElementlocalName - the local name of the QName of the new StartElementprefix - the prefix of the QName of the new StartElement **Returns:**an instance of the requested EndElement

### createEndElement

public abstract [EndElement](http://docs.google.com/javax/xml/stream/events/EndElement.html) **createEndElement**([String](http://docs.google.com/java/lang/String.html) prefix,  
 [String](http://docs.google.com/java/lang/String.html) namespaceUri,  
 [String](http://docs.google.com/java/lang/String.html) localName,  
 [Iterator](http://docs.google.com/java/util/Iterator.html) namespaces)

Create a new EndElement

**Parameters:**namespaceUri - the uri of the QName of the new StartElementlocalName - the local name of the QName of the new StartElementprefix - the prefix of the QName of the new StartElementnamespaces - an unordered set of objects that implement Namespace that have gone out of scope, may be null **Returns:**an instance of the requested EndElement

### createCharacters

public abstract [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) **createCharacters**([String](http://docs.google.com/java/lang/String.html) content)

Create a Characters event, this method does not check if the content is all whitespace. To create a space event use #createSpace(String)

**Parameters:**content - the string to create **Returns:**a Characters event

### createCData

public abstract [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) **createCData**([String](http://docs.google.com/java/lang/String.html) content)

Create a Characters event with the CData flag set to true

**Parameters:**content - the string to create **Returns:**a Characters event

### createSpace

public abstract [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) **createSpace**([String](http://docs.google.com/java/lang/String.html) content)

Create a Characters event with the isSpace flag set to true

**Parameters:**content - the content of the space to create **Returns:**a Characters event

### createIgnorableSpace

public abstract [Characters](http://docs.google.com/javax/xml/stream/events/Characters.html) **createIgnorableSpace**([String](http://docs.google.com/java/lang/String.html) content)

Create an ignorable space

**Parameters:**content - the space to create **Returns:**a Characters event

### createStartDocument

public abstract [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) **createStartDocument**()

Creates a new instance of a StartDocument event

**Returns:**a StartDocument event

### createStartDocument

public abstract [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) **createStartDocument**([String](http://docs.google.com/java/lang/String.html) encoding,  
 [String](http://docs.google.com/java/lang/String.html) version,  
 boolean standalone)

Creates a new instance of a StartDocument event

**Parameters:**encoding - the encoding styleversion - the XML versionstandalone - the status of standalone may be set to "true" or "false" **Returns:**a StartDocument event

### createStartDocument

public abstract [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) **createStartDocument**([String](http://docs.google.com/java/lang/String.html) encoding,  
 [String](http://docs.google.com/java/lang/String.html) version)

Creates a new instance of a StartDocument event

**Parameters:**encoding - the encoding styleversion - the XML version **Returns:**a StartDocument event

### createStartDocument

public abstract [StartDocument](http://docs.google.com/javax/xml/stream/events/StartDocument.html) **createStartDocument**([String](http://docs.google.com/java/lang/String.html) encoding)

Creates a new instance of a StartDocument event

**Parameters:**encoding - the encoding style **Returns:**a StartDocument event

### createEndDocument

public abstract [EndDocument](http://docs.google.com/javax/xml/stream/events/EndDocument.html) **createEndDocument**()

Creates a new instance of an EndDocument event

**Returns:**an EndDocument event

### createEntityReference

public abstract [EntityReference](http://docs.google.com/javax/xml/stream/events/EntityReference.html) **createEntityReference**([String](http://docs.google.com/java/lang/String.html) name,  
 [EntityDeclaration](http://docs.google.com/javax/xml/stream/events/EntityDeclaration.html) declaration)

Creates a new instance of a EntityReference event

**Parameters:**name - The name of the referencedeclaration - the declaration for the event **Returns:**an EntityReference event

### createComment

public abstract [Comment](http://docs.google.com/javax/xml/stream/events/Comment.html) **createComment**([String](http://docs.google.com/java/lang/String.html) text)

Create a comment

**Parameters:**text - The text of the comment a Comment event

### createProcessingInstruction

public abstract [ProcessingInstruction](http://docs.google.com/javax/xml/stream/events/ProcessingInstruction.html) **createProcessingInstruction**([String](http://docs.google.com/java/lang/String.html) target,  
 [String](http://docs.google.com/java/lang/String.html) data)

Create a processing instruction

**Parameters:**target - The target of the processing instructiondata - The text of the processing instruction **Returns:**a ProcessingInstruction event

### createDTD

public abstract [DTD](http://docs.google.com/javax/xml/stream/events/DTD.html) **createDTD**([String](http://docs.google.com/java/lang/String.html) dtd)

Create a document type definition event This string contains the entire document type declaration that matches the doctypedecl in the XML 1.0 specification

**Parameters:**dtd - the text of the document type definition **Returns:**a DTD event

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/XMLEventFactory.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/stream/StreamFilter.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/XMLEventReader.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/XMLEventFactory.html)    [**NO FRAMES**](http://docs.google.com/XMLEventFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

[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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