| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DTD.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/events/Comment.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/events/EndDocument.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/events/DTD.html)    [**NO FRAMES**](http://docs.google.com/DTD.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#1t3h5sf) |

## **javax.xml.stream.events**

Interface DTD

**All Superinterfaces:** [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html), [XMLStreamConstants](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html)

public interface **DTD**extends [XMLEvent](http://docs.google.com/javax/xml/stream/events/XMLEvent.html)

This is the top level interface for events dealing with DTDs

**Since:** 1.6

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

| **Fields inherited from interface javax.xml.stream.**[**XMLStreamConstants**](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html) |
| --- |
| [ATTRIBUTE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#ATTRIBUTE), [CDATA](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#CDATA), [CHARACTERS](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#CHARACTERS), [COMMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#COMMENT), [DTD](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#DTD), [END\_DOCUMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#END_DOCUMENT), [END\_ELEMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#END_ELEMENT), [ENTITY\_DECLARATION](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#ENTITY_DECLARATION), [ENTITY\_REFERENCE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#ENTITY_REFERENCE), [NAMESPACE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#NAMESPACE), [NOTATION\_DECLARATION](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#NOTATION_DECLARATION), [PROCESSING\_INSTRUCTION](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#PROCESSING_INSTRUCTION), [SPACE](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#SPACE), [START\_DOCUMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#START_DOCUMENT), [START\_ELEMENT](http://docs.google.com/javax/xml/stream/XMLStreamConstants.html#START_ELEMENT) |

| **Method Summary** | |
| --- | --- |
| [String](http://docs.google.com/java/lang/String.html) | [**getDocumentTypeDeclaration**](http://docs.google.com/javax/xml/stream/events/DTD.html#getDocumentTypeDeclaration())()            Returns the entire Document Type Declaration as a string, including the internal DTD subset. |
| [List](http://docs.google.com/java/util/List.html) | [**getEntities**](http://docs.google.com/javax/xml/stream/events/DTD.html#getEntities())()            Return a List containing the general entities, both external and internal, declared in the DTD. |
| [List](http://docs.google.com/java/util/List.html) | [**getNotations**](http://docs.google.com/javax/xml/stream/events/DTD.html#getNotations())()            Return a List containing the notations declared in the DTD. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getProcessedDTD**](http://docs.google.com/javax/xml/stream/events/DTD.html#getProcessedDTD())()            Returns an implementation defined representation of the DTD. |

| **Methods inherited from interface javax.xml.stream.events.**[**XMLEvent**](http://docs.google.com/javax/xml/stream/events/XMLEvent.html) |
| --- |
| [asCharacters](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#asCharacters()), [asEndElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#asEndElement()), [asStartElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#asStartElement()), [getEventType](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#getEventType()), [getLocation](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#getLocation()), [getSchemaType](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#getSchemaType()), [isAttribute](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isAttribute()), [isCharacters](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isCharacters()), [isEndDocument](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isEndDocument()), [isEndElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isEndElement()), [isEntityReference](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isEntityReference()), [isNamespace](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isNamespace()), [isProcessingInstruction](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isProcessingInstruction()), [isStartDocument](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isStartDocument()), [isStartElement](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#isStartElement()), [writeAsEncodedUnicode](http://docs.google.com/javax/xml/stream/events/XMLEvent.html#writeAsEncodedUnicode(java.io.Writer)) |

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

### getDocumentTypeDeclaration

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

Returns the entire Document Type Declaration as a string, including the internal DTD subset. This may be null if there is not an internal subset. If it is not null it must return the entire Document Type Declaration which matches the doctypedecl production in the XML 1.0 specification

### getProcessedDTD

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

Returns an implementation defined representation of the DTD. This method may return null if no representation is available.

### getNotations

[List](http://docs.google.com/java/util/List.html) **getNotations**()

Return a List containing the notations declared in the DTD. This list must contain NotationDeclaration events.

**Returns:**an unordered list of NotationDeclaration events**See Also:**[NotationDeclaration](http://docs.google.com/javax/xml/stream/events/NotationDeclaration.html)

### getEntities

[List](http://docs.google.com/java/util/List.html) **getEntities**()

Return a List containing the general entities, both external and internal, declared in the DTD. This list must contain EntityDeclaration events.

**Returns:**an unordered list of EntityDeclaration events**See Also:**[EntityDeclaration](http://docs.google.com/javax/xml/stream/events/EntityDeclaration.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DTD.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/events/Comment.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/stream/events/EndDocument.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/stream/events/DTD.html)    [**NO FRAMES**](http://docs.google.com/DTD.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#tyjcwt) | DETAIL: FIELD | CONSTR | [METHOD](#1t3h5sf) |

[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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