| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/OutputKeys.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/transform/ErrorListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/transform/Result.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/OutputKeys.html)    [**NO FRAMES**](http://docs.google.com/OutputKeys.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#tyjcwt) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | METHOD |

## **javax.xml.transform**

Class OutputKeys

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

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

Provides string constants that can be used to set output properties for a Transformer, or to retrieve output properties from a Transformer or Templates object.

All the fields in this class are read-only.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output)

| **Field Summary** | |
| --- | --- |
| static [String](http://docs.google.com/java/lang/String.html) | [**CDATA\_SECTION\_ELEMENTS**](http://docs.google.com/javax/xml/transform/OutputKeys.html#CDATA_SECTION_ELEMENTS)            cdata-section-elements = expanded names. |
| static [String](http://docs.google.com/java/lang/String.html) | [**DOCTYPE\_PUBLIC**](http://docs.google.com/javax/xml/transform/OutputKeys.html#DOCTYPE_PUBLIC)            doctype-public = string. |
| static [String](http://docs.google.com/java/lang/String.html) | [**DOCTYPE\_SYSTEM**](http://docs.google.com/javax/xml/transform/OutputKeys.html#DOCTYPE_SYSTEM)            doctype-system = string. |
| static [String](http://docs.google.com/java/lang/String.html) | [**ENCODING**](http://docs.google.com/javax/xml/transform/OutputKeys.html#ENCODING)            encoding = string. |
| static [String](http://docs.google.com/java/lang/String.html) | [**INDENT**](http://docs.google.com/javax/xml/transform/OutputKeys.html#INDENT)            indent = "yes" | "no". |
| static [String](http://docs.google.com/java/lang/String.html) | [**MEDIA\_TYPE**](http://docs.google.com/javax/xml/transform/OutputKeys.html#MEDIA_TYPE)            media-type = string. |
| static [String](http://docs.google.com/java/lang/String.html) | [**METHOD**](http://docs.google.com/javax/xml/transform/OutputKeys.html#METHOD)            method = "xml" | "html" | "text" | expanded name. |
| static [String](http://docs.google.com/java/lang/String.html) | [**OMIT\_XML\_DECLARATION**](http://docs.google.com/javax/xml/transform/OutputKeys.html#OMIT_XML_DECLARATION)            omit-xml-declaration = "yes" | "no". |
| static [String](http://docs.google.com/java/lang/String.html) | [**STANDALONE**](http://docs.google.com/javax/xml/transform/OutputKeys.html#STANDALONE)            standalone = "yes" | "no". |
| static [String](http://docs.google.com/java/lang/String.html) | [**VERSION**](http://docs.google.com/javax/xml/transform/OutputKeys.html#VERSION)            version = nmtoken. |

| **Method Summary** | |
| --- | --- |

| **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)) |

| **Field Detail** |
| --- |

### METHOD

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

method = "xml" | "html" | "text" | expanded name.

The value of the method property identifies the overall method that should be used for outputting the result tree. Other non-namespaced values may be used, such as "xhtml", but, if accepted, the handling of such values is implementation defined. If any of the method values are not accepted and are not namespace qualified, then [Transformer.setOutputProperty(java.lang.String, java.lang.String)](http://docs.google.com/javax/xml/transform/Transformer.html#setOutputProperty(java.lang.String,%20java.lang.String)) or [Transformer.setOutputProperties(java.util.Properties)](http://docs.google.com/javax/xml/transform/Transformer.html#setOutputProperties(java.util.Properties)) will throw a [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html).

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.METHOD)

### VERSION

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

version = nmtoken.

version specifies the version of the output method.

When the output method is "xml", the version value specifies the version of XML to be used for outputting the result tree. The default value for the xml output method is 1.0. When the output method is "html", the version value indicates the version of the HTML. The default value for the xml output method is 4.0, which specifies that the result should be output as HTML conforming to the HTML 4.0 Recommendation [HTML]. If the output method is "text", the version property is ignored.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.VERSION)

### ENCODING

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

encoding = string.

encoding specifies the preferred character encoding that the Transformer should use to encode sequences of characters as sequences of bytes. The value of the encoding property should be treated case-insensitively. The value must only contain characters in the range #x21 to #x7E (i.e., printable ASCII characters). The value should either be a charset registered with the Internet Assigned Numbers Authority [[IANA]](http://www.iana.org/), [[RFC2278]](http://www.ietf.org/rfc/rfc2278.txt) or start with X-.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.ENCODING)

### OMIT\_XML\_DECLARATION

public static final [String](http://docs.google.com/java/lang/String.html) **OMIT\_XML\_DECLARATION**

omit-xml-declaration = "yes" | "no".

omit-xml-declaration specifies whether the XSLT processor should output an XML declaration; the value must be yes or no.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.OMIT_XML_DECLARATION)

### STANDALONE

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

standalone = "yes" | "no".

standalone specifies whether the Transformer should output a standalone document declaration; the value must be yes or no.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.STANDALONE)

### DOCTYPE\_PUBLIC

public static final [String](http://docs.google.com/java/lang/String.html) **DOCTYPE\_PUBLIC**

doctype-public = string.

See the documentation for the [DOCTYPE\_SYSTEM](http://docs.google.com/javax/xml/transform/OutputKeys.html#DOCTYPE_SYSTEM) property for a description of what the value of the key should be.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.DOCTYPE_PUBLIC)

### DOCTYPE\_SYSTEM

public static final [String](http://docs.google.com/java/lang/String.html) **DOCTYPE\_SYSTEM**

doctype-system = string.

doctype-system specifies the system identifier to be used in the document type declaration.

If the doctype-system property is specified, the xml output method should output a document type declaration immediately before the first element. The name following <!DOCTYPE should be the name of the first element. If doctype-public property is also specified, then the xml output method should output PUBLIC followed by the public identifier and then the system identifier; otherwise, it should output SYSTEM followed by the system identifier. The internal subset should be empty. The value of the doctype-public property should be ignored unless the doctype-system property is specified.

If the doctype-public or doctype-system properties are specified, then the html output method should output a document type declaration immediately before the first element. The name following <!DOCTYPE should be HTML or html. If the doctype-public property is specified, then the output method should output PUBLIC followed by the specified public identifier; if the doctype-system property is also specified, it should also output the specified system identifier following the public identifier. If the doctype-system property is specified but the doctype-public property is not specified, then the output method should output SYSTEM followed by the specified system identifier.

doctype-system specifies the system identifier to be used in the document type declaration.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.DOCTYPE_SYSTEM)

### CDATA\_SECTION\_ELEMENTS

public static final [String](http://docs.google.com/java/lang/String.html) **CDATA\_SECTION\_ELEMENTS**

cdata-section-elements = expanded names.

cdata-section-elements specifies a whitespace delimited list of the names of elements whose text node children should be output using CDATA sections. Note that these names must use the format described in the section Qualfied Name Representation in [javax.xml.transform](http://docs.google.com/javax/xml/transform/package-summary.html).

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation.](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.CDATA_SECTION_ELEMENTS)

### INDENT

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

indent = "yes" | "no".

indent specifies whether the Transformer may add additional whitespace when outputting the result tree; the value must be yes or no.

**See Also:** [section 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.INDENT)

### MEDIA\_TYPE

public static final [String](http://docs.google.com/java/lang/String.html) **MEDIA\_TYPE**

media-type = string.

media-type specifies the media type (MIME content type) of the data that results from outputting the result tree. The charset parameter should not be specified explicitly; instead, when the top-level media type is text, a charset parameter should be added according to the character encoding actually used by the output method.

**See Also:**[s ection 16 of the XSL Transformations (XSLT) W3C Recommendation](http://www.w3.org/TR/xslt#output), [Constant Field Values](http://docs.google.com/constant-values.html#javax.xml.transform.OutputKeys.MEDIA_TYPE)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/OutputKeys.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/transform/ErrorListener.html)   [**NEXT CLASS**](http://docs.google.com/javax/xml/transform/Result.html) | [**FRAMES**](http://docs.google.com/index.html?javax/xml/transform/OutputKeys.html)    [**NO FRAMES**](http://docs.google.com/OutputKeys.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | CONSTR | [METHOD](#tyjcwt) | DETAIL: [FIELD](#3dy6vkm) | CONSTR | METHOD |

[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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