| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/xml/sax/Attributes.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?org/xml/sax//class-useAttributes.html)    [**NO FRAMES**](http://docs.google.com/Attributes.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**org.xml.sax.Attributes**

| Packages that use [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| [**org.xml.sax**](#3znysh7) | This package provides the core SAX APIs. |
| [**org.xml.sax.ext**](#2et92p0) | This package contains interfaces to SAX2 facilities that conformant SAX drivers won't necessarily support. |
| [**org.xml.sax.helpers**](#tyjcwt) | This package contains "helper" classes, including support for bootstrapping SAX-based applications. |

| Uses of [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) in [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) | |
| --- | --- |

| Methods in [org.xml.sax](http://docs.google.com/org/xml/sax/package-summary.html) with parameters of type [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| void | **ContentHandler.**[**startElement**](http://docs.google.com/org/xml/sax/ContentHandler.html#startElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20org.xml.sax.Attributes))([String](http://docs.google.com/java/lang/String.html) uri, [String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) qName, [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Receive notification of the beginning of an element. |

| Uses of [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) in [org.xml.sax.ext](http://docs.google.com/org/xml/sax/ext/package-summary.html) | |
| --- | --- |

| Subinterfaces of [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) in [org.xml.sax.ext](http://docs.google.com/org/xml/sax/ext/package-summary.html) | |
| --- | --- |
| interface | [**Attributes2**](http://docs.google.com/org/xml/sax/ext/Attributes2.html)            SAX2 extension to augment the per-attribute information provided though [Attributes](http://docs.google.com/org/xml/sax/Attributes.html). |

| Classes in [org.xml.sax.ext](http://docs.google.com/org/xml/sax/ext/package-summary.html) that implement [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| class | [**Attributes2Impl**](http://docs.google.com/org/xml/sax/ext/Attributes2Impl.html)            SAX2 extension helper for additional Attributes information, implementing the [Attributes2](http://docs.google.com/org/xml/sax/ext/Attributes2.html) interface. |

| Methods in [org.xml.sax.ext](http://docs.google.com/org/xml/sax/ext/package-summary.html) with parameters of type [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| void | **Attributes2Impl.**[**setAttributes**](http://docs.google.com/org/xml/sax/ext/Attributes2Impl.html#setAttributes(org.xml.sax.Attributes))([Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Copy an entire Attributes object. |

| Constructors in [org.xml.sax.ext](http://docs.google.com/org/xml/sax/ext/package-summary.html) with parameters of type [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| [**Attributes2Impl**](http://docs.google.com/org/xml/sax/ext/Attributes2Impl.html#Attributes2Impl(org.xml.sax.Attributes))([Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Copy an existing Attributes or Attributes2 object. |

| Uses of [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) in [org.xml.sax.helpers](http://docs.google.com/org/xml/sax/helpers/package-summary.html) | |
| --- | --- |

| Classes in [org.xml.sax.helpers](http://docs.google.com/org/xml/sax/helpers/package-summary.html) that implement [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| class | [**AttributesImpl**](http://docs.google.com/org/xml/sax/helpers/AttributesImpl.html)            Default implementation of the Attributes interface. |

| Methods in [org.xml.sax.helpers](http://docs.google.com/org/xml/sax/helpers/package-summary.html) with parameters of type [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| void | **AttributesImpl.**[**setAttributes**](http://docs.google.com/org/xml/sax/helpers/AttributesImpl.html#setAttributes(org.xml.sax.Attributes))([Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Copy an entire Attributes object. |
| void | **XMLReaderAdapter.**[**startElement**](http://docs.google.com/org/xml/sax/helpers/XMLReaderAdapter.html#startElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20org.xml.sax.Attributes))([String](http://docs.google.com/java/lang/String.html) uri, [String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) qName, [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Adapt a SAX2 start element event. |
| void | **XMLFilterImpl.**[**startElement**](http://docs.google.com/org/xml/sax/helpers/XMLFilterImpl.html#startElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20org.xml.sax.Attributes))([String](http://docs.google.com/java/lang/String.html) uri, [String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) qName, [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Filter a start element event. |
| void | **DefaultHandler.**[**startElement**](http://docs.google.com/org/xml/sax/helpers/DefaultHandler.html#startElement(java.lang.String,%20java.lang.String,%20java.lang.String,%20org.xml.sax.Attributes))([String](http://docs.google.com/java/lang/String.html) uri, [String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) qName, [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) attributes)            Receive notification of the start of an element. |

| Constructors in [org.xml.sax.helpers](http://docs.google.com/org/xml/sax/helpers/package-summary.html) with parameters of type [Attributes](http://docs.google.com/org/xml/sax/Attributes.html) | |
| --- | --- |
| [**AttributesImpl**](http://docs.google.com/org/xml/sax/helpers/AttributesImpl.html#AttributesImpl(org.xml.sax.Attributes))([Attributes](http://docs.google.com/org/xml/sax/Attributes.html) atts)            Copy an existing Attributes object. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/org/xml/sax/Attributes.html) | **Use** | [**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*** |
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[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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