| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/CharSequence.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?java/lang//class-useCharSequence.html)    [**NO FRAMES**](http://docs.google.com/CharSequence.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**java.lang.CharSequence**

| Packages that use [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [**java.io**](#3znysh7) | Provides for system input and output through data streams, serialization and the file system. |
| [**java.lang**](#2et92p0) | Provides classes that are fundamental to the design of the Java programming language. |
| [**java.nio**](#tyjcwt) | Defines buffers, which are containers for data, and provides an overview of the other NIO packages. |
| [**java.nio.charset**](#3dy6vkm) | Defines charsets, decoders, and encoders, for translating between bytes and Unicode characters. |
| [**java.text**](#1t3h5sf) | Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages. |
| [**java.util.regex**](#4d34og8) | Classes for matching character sequences against patterns specified by regular expressions. |
| [**javax.annotation.processing**](#2s8eyo1) | Facilities for declaring annotation processors and for allowing annotation processors to communicate with an annotation processing tool environment. |
| [**javax.lang.model**](#17dp8vu) | Classes and hierarchies of packages used to model the Java programming language. |
| [**javax.lang.model.element**](#3rdcrjn) | Interfaces used to model elements of the Java programming language. |
| [**javax.lang.model.util**](#26in1rg) | Utilities to assist in the processing of [program elements](http://docs.google.com/javax/lang/model/element/package-summary.html) and [types](http://docs.google.com/javax/lang/model/type/package-summary.html). |
| [**javax.swing.text**](#lnxbz9) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.tools**](#35nkun2) | Provides interfaces for tools which can be invoked from a program, for example, compilers. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [java.io](http://docs.google.com/java/io/package-summary.html) | |
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| Methods in [java.io](http://docs.google.com/java/io/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [StringWriter](http://docs.google.com/java/io/StringWriter.html) | **StringWriter.**[**append**](http://docs.google.com/java/io/StringWriter.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this writer. |
| [CharArrayWriter](http://docs.google.com/java/io/CharArrayWriter.html) | **CharArrayWriter.**[**append**](http://docs.google.com/java/io/CharArrayWriter.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this writer. |
| [Writer](http://docs.google.com/java/io/Writer.html) | **Writer.**[**append**](http://docs.google.com/java/io/Writer.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this writer. |
| [PrintWriter](http://docs.google.com/java/io/PrintWriter.html) | **PrintWriter.**[**append**](http://docs.google.com/java/io/PrintWriter.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this writer. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**append**](http://docs.google.com/java/io/PrintStream.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this output stream. |
| [StringWriter](http://docs.google.com/java/io/StringWriter.html) | **StringWriter.**[**append**](http://docs.google.com/java/io/StringWriter.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this writer. |
| [CharArrayWriter](http://docs.google.com/java/io/CharArrayWriter.html) | **CharArrayWriter.**[**append**](http://docs.google.com/java/io/CharArrayWriter.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this writer. |
| [Writer](http://docs.google.com/java/io/Writer.html) | **Writer.**[**append**](http://docs.google.com/java/io/Writer.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this writer. |
| [PrintWriter](http://docs.google.com/java/io/PrintWriter.html) | **PrintWriter.**[**append**](http://docs.google.com/java/io/PrintWriter.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this writer. |
| [PrintStream](http://docs.google.com/java/io/PrintStream.html) | **PrintStream.**[**append**](http://docs.google.com/java/io/PrintStream.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this output stream. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
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| Classes in [java.lang](http://docs.google.com/java/lang/package-summary.html) that implement [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| class | [**String**](http://docs.google.com/java/lang/String.html)            The String class represents character strings. |
| class | [**StringBuffer**](http://docs.google.com/java/lang/StringBuffer.html)            A thread-safe, mutable sequence of characters. |
| class | [**StringBuilder**](http://docs.google.com/java/lang/StringBuilder.html)            A mutable sequence of characters. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) that return [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **StringBuffer.**[**subSequence**](http://docs.google.com/java/lang/StringBuffer.html#subSequence(int,%20int))(int start, int end) |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **CharSequence.**[**subSequence**](http://docs.google.com/java/lang/CharSequence.html#subSequence(int,%20int))(int start, int end)            Returns a new CharSequence that is a subsequence of this sequence. |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **String.**[**subSequence**](http://docs.google.com/java/lang/String.html#subSequence(int,%20int))(int beginIndex, int endIndex)            Returns a new character sequence that is a subsequence of this sequence. |

| Methods in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [StringBuilder](http://docs.google.com/java/lang/StringBuilder.html) | **StringBuilder.**[**append**](http://docs.google.com/java/lang/StringBuilder.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s) |
| [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) | **StringBuffer.**[**append**](http://docs.google.com/java/lang/StringBuffer.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s)            Appends the specified CharSequence to this sequence. |
| [Appendable](http://docs.google.com/java/lang/Appendable.html) | **Appendable.**[**append**](http://docs.google.com/java/lang/Appendable.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this Appendable. |
| [StringBuilder](http://docs.google.com/java/lang/StringBuilder.html) | **StringBuilder.**[**append**](http://docs.google.com/java/lang/StringBuilder.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s, int start, int end) |
| [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) | **StringBuffer.**[**append**](http://docs.google.com/java/lang/StringBuffer.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s, int start, int end) |
| [Appendable](http://docs.google.com/java/lang/Appendable.html) | **Appendable.**[**append**](http://docs.google.com/java/lang/Appendable.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this Appendable. |
| static int | **Character.**[**codePointAt**](http://docs.google.com/java/lang/Character.html#codePointAt(java.lang.CharSequence,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) seq, int index)            Returns the code point at the given index of the CharSequence. |
| static int | **Character.**[**codePointBefore**](http://docs.google.com/java/lang/Character.html#codePointBefore(java.lang.CharSequence,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) seq, int index)            Returns the code point preceding the given index of the CharSequence. |
| static int | **Character.**[**codePointCount**](http://docs.google.com/java/lang/Character.html#codePointCount(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) seq, int beginIndex, int endIndex)            Returns the number of Unicode code points in the text range of the specified char sequence. |
| boolean | **String.**[**contains**](http://docs.google.com/java/lang/String.html#contains(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s)            Returns true if and only if this string contains the specified sequence of char values. |
| boolean | **String.**[**contentEquals**](http://docs.google.com/java/lang/String.html#contentEquals(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) cs)            Compares this string to the specified CharSequence. |
| [StringBuilder](http://docs.google.com/java/lang/StringBuilder.html) | **StringBuilder.**[**insert**](http://docs.google.com/java/lang/StringBuilder.html#insert(int,%20java.lang.CharSequence))(int dstOffset, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) s) |
| [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) | **StringBuffer.**[**insert**](http://docs.google.com/java/lang/StringBuffer.html#insert(int,%20java.lang.CharSequence))(int dstOffset, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) s) |
| [StringBuilder](http://docs.google.com/java/lang/StringBuilder.html) | **StringBuilder.**[**insert**](http://docs.google.com/java/lang/StringBuilder.html#insert(int,%20java.lang.CharSequence,%20int,%20int))(int dstOffset, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) s, int start, int end) |
| [StringBuffer](http://docs.google.com/java/lang/StringBuffer.html) | **StringBuffer.**[**insert**](http://docs.google.com/java/lang/StringBuffer.html#insert(int,%20java.lang.CharSequence,%20int,%20int))(int dstOffset, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) s, int start, int end) |
| static int | **Character.**[**offsetByCodePoints**](http://docs.google.com/java/lang/Character.html#offsetByCodePoints(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) seq, int index, int codePointOffset)            Returns the index within the given char sequence that is offset from the given index by codePointOffset code points. |
| [String](http://docs.google.com/java/lang/String.html) | **String.**[**replace**](http://docs.google.com/java/lang/String.html#replace(java.lang.CharSequence,%20java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) target, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) replacement)            Replaces each substring of this string that matches the literal target sequence with the specified literal replacement sequence. |

| Constructors in [java.lang](http://docs.google.com/java/lang/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [**StringBuffer**](http://docs.google.com/java/lang/StringBuffer.html#StringBuffer(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) seq)            Constructs a string buffer that contains the same characters as the specified CharSequence. |
| [**StringBuilder**](http://docs.google.com/java/lang/StringBuilder.html#StringBuilder(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) seq)            Constructs a string builder that contains the same characters as the specified CharSequence. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [java.nio](http://docs.google.com/java/nio/package-summary.html) | |
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| Classes in [java.nio](http://docs.google.com/java/nio/package-summary.html) that implement [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| class | [**CharBuffer**](http://docs.google.com/java/nio/CharBuffer.html)            A character buffer. |

| Methods in [java.nio](http://docs.google.com/java/nio/package-summary.html) that return [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| abstract  [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **CharBuffer.**[**subSequence**](http://docs.google.com/java/nio/CharBuffer.html#subSequence(int,%20int))(int start, int end)            Creates a new character buffer that represents the specified subsequence of this buffer, relative to the current position. |

| Methods in [java.nio](http://docs.google.com/java/nio/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [CharBuffer](http://docs.google.com/java/nio/CharBuffer.html) | **CharBuffer.**[**append**](http://docs.google.com/java/nio/CharBuffer.html#append(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Appends the specified character sequence to this buffer  *(optional operation)*. |
| [CharBuffer](http://docs.google.com/java/nio/CharBuffer.html) | **CharBuffer.**[**append**](http://docs.google.com/java/nio/CharBuffer.html#append(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Appends a subsequence of the specified character sequence to this buffer  *(optional operation)*. |
| static [CharBuffer](http://docs.google.com/java/nio/CharBuffer.html) | **CharBuffer.**[**wrap**](http://docs.google.com/java/nio/CharBuffer.html#wrap(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq)            Wraps a character sequence into a buffer. |
| static [CharBuffer](http://docs.google.com/java/nio/CharBuffer.html) | **CharBuffer.**[**wrap**](http://docs.google.com/java/nio/CharBuffer.html#wrap(java.lang.CharSequence,%20int,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) csq, int start, int end)            Wraps a character sequence into a buffer. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) | |
| --- | --- |

| Methods in [java.nio.charset](http://docs.google.com/java/nio/charset/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| boolean | **CharsetEncoder.**[**canEncode**](http://docs.google.com/java/nio/charset/CharsetEncoder.html#canEncode(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) cs)            Tells whether or not this encoder can encode the given character sequence. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [java.text](http://docs.google.com/java/text/package-summary.html) | |
| --- | --- |

| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| static boolean | **Normalizer.**[**isNormalized**](http://docs.google.com/java/text/Normalizer.html#isNormalized(java.lang.CharSequence,%20java.text.Normalizer.Form))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) src, [Normalizer.Form](http://docs.google.com/java/text/Normalizer.Form.html) form)            Determines if the given sequence of char values is normalized. |
| static [String](http://docs.google.com/java/lang/String.html) | **Normalizer.**[**normalize**](http://docs.google.com/java/text/Normalizer.html#normalize(java.lang.CharSequence,%20java.text.Normalizer.Form))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) src, [Normalizer.Form](http://docs.google.com/java/text/Normalizer.Form.html) form)            Normalize a sequence of char values. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [java.util.regex](http://docs.google.com/java/util/regex/package-summary.html) | |
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| Methods in [java.util.regex](http://docs.google.com/java/util/regex/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [Matcher](http://docs.google.com/java/util/regex/Matcher.html) | **Pattern.**[**matcher**](http://docs.google.com/java/util/regex/Pattern.html#matcher(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) input)            Creates a matcher that will match the given input against this pattern. |
| static boolean | **Pattern.**[**matches**](http://docs.google.com/java/util/regex/Pattern.html#matches(java.lang.String,%20java.lang.CharSequence))([String](http://docs.google.com/java/lang/String.html) regex, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) input)            Compiles the given regular expression and attempts to match the given input against it. |
| [Matcher](http://docs.google.com/java/util/regex/Matcher.html) | **Matcher.**[**reset**](http://docs.google.com/java/util/regex/Matcher.html#reset(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) input)            Resets this matcher with a new input sequence. |
| [String](http://docs.google.com/java/lang/String.html)[] | **Pattern.**[**split**](http://docs.google.com/java/util/regex/Pattern.html#split(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) input)            Splits the given input sequence around matches of this pattern. |
| [String](http://docs.google.com/java/lang/String.html)[] | **Pattern.**[**split**](http://docs.google.com/java/util/regex/Pattern.html#split(java.lang.CharSequence,%20int))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) input, int limit)            Splits the given input sequence around matches of this pattern. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) | |
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| Methods in [javax.annotation.processing](http://docs.google.com/javax/annotation/processing/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) | **Filer.**[**createClassFile**](http://docs.google.com/javax/annotation/processing/Filer.html#createClassFile(java.lang.CharSequence,%20javax.lang.model.element.Element...))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new class file, and returns an object to allow writing to it. |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **Filer.**[**createResource**](http://docs.google.com/javax/annotation/processing/Filer.html#createResource(javax.tools.JavaFileManager.Location,%20java.lang.CharSequence,%20java.lang.CharSequence,%20javax.lang.model.element.Element...))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) pkg, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) relativeName, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new auxiliary resource file for writing and returns a file object for it. |
| [JavaFileObject](http://docs.google.com/javax/tools/JavaFileObject.html) | **Filer.**[**createSourceFile**](http://docs.google.com/javax/annotation/processing/Filer.html#createSourceFile(java.lang.CharSequence,%20javax.lang.model.element.Element...))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name, [Element](http://docs.google.com/javax/lang/model/element/Element.html)... originatingElements)            Creates a new source file and returns an object to allow writing to it. |
| [FileObject](http://docs.google.com/javax/tools/FileObject.html) | **Filer.**[**getResource**](http://docs.google.com/javax/annotation/processing/Filer.html#getResource(javax.tools.JavaFileManager.Location,%20java.lang.CharSequence,%20java.lang.CharSequence))([JavaFileManager.Location](http://docs.google.com/javax/tools/JavaFileManager.Location.html) location, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) pkg, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) relativeName)            Returns an object for reading an existing resource. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg)            Prints a message of the specified kind. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence,%20javax.lang.model.element.Element))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg, [Element](http://docs.google.com/javax/lang/model/element/Element.html) e)            Prints a message of the specified kind at the location of the element. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence,%20javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg, [Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) a)            Prints a message of the specified kind at the location of the annotation mirror of the annotated element. |
| void | **Messager.**[**printMessage**](http://docs.google.com/javax/annotation/processing/Messager.html#printMessage(javax.tools.Diagnostic.Kind,%20java.lang.CharSequence,%20javax.lang.model.element.Element,%20javax.lang.model.element.AnnotationMirror,%20javax.lang.model.element.AnnotationValue))([Diagnostic.Kind](http://docs.google.com/javax/tools/Diagnostic.Kind.html) kind, [CharSequence](http://docs.google.com/java/lang/CharSequence.html) msg, [Element](http://docs.google.com/javax/lang/model/element/Element.html) e, [AnnotationMirror](http://docs.google.com/javax/lang/model/element/AnnotationMirror.html) a, [AnnotationValue](http://docs.google.com/javax/lang/model/element/AnnotationValue.html) v)            Prints a message of the specified kind at the location of the annotation value inside the annotation mirror of the annotated element. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.lang.model](http://docs.google.com/javax/lang/model/package-summary.html) | |
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| Methods in [javax.lang.model](http://docs.google.com/javax/lang/model/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| static boolean | **SourceVersion.**[**isIdentifier**](http://docs.google.com/javax/lang/model/SourceVersion.html#isIdentifier(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)            Returns whether or not name is a syntactically valid identifier (simple name) or keyword in the latest source version. |
| static boolean | **SourceVersion.**[**isKeyword**](http://docs.google.com/javax/lang/model/SourceVersion.html#isKeyword(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) s)            Returns whether or not s is a keyword or literal in the latest source version. |
| static boolean | **SourceVersion.**[**isName**](http://docs.google.com/javax/lang/model/SourceVersion.html#isName(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)            Returns whether or not name is a syntactically valid qualified name in the latest source version. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |

| Subinterfaces of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) | |
| --- | --- |
| interface | [**Name**](http://docs.google.com/javax/lang/model/element/Name.html)            An immutable sequence of characters. |

| Methods in [javax.lang.model.element](http://docs.google.com/javax/lang/model/element/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| boolean | **Name.**[**contentEquals**](http://docs.google.com/javax/lang/model/element/Name.html#contentEquals(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) cs)            Compares this name to the specified CharSequence. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) | |
| --- | --- |

| Methods in [javax.lang.model.util](http://docs.google.com/javax/lang/model/util/package-summary.html) with parameters of type [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [Name](http://docs.google.com/javax/lang/model/element/Name.html) | **Elements.**[**getName**](http://docs.google.com/javax/lang/model/util/Elements.html#getName(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) cs)            Return a name with the same sequence of characters as the argument. |
| [PackageElement](http://docs.google.com/javax/lang/model/element/PackageElement.html) | **Elements.**[**getPackageElement**](http://docs.google.com/javax/lang/model/util/Elements.html#getPackageElement(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)            Returns a package given its fully qualified name. |
| [TypeElement](http://docs.google.com/javax/lang/model/element/TypeElement.html) | **Elements.**[**getTypeElement**](http://docs.google.com/javax/lang/model/util/Elements.html#getTypeElement(java.lang.CharSequence))([CharSequence](http://docs.google.com/java/lang/CharSequence.html) name)            Returns a type element given its canonical name. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Classes in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that implement [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| class | [**Segment**](http://docs.google.com/javax/swing/text/Segment.html)            A segment of a character array representing a fragment of text. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **Segment.**[**subSequence**](http://docs.google.com/javax/swing/text/Segment.html#subSequence(int,%20int))(int start, int end)            Returns a new CharSequence that is a subsequence of this sequence. |

| Uses of [CharSequence](http://docs.google.com/java/lang/CharSequence.html) in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) | |
| --- | --- |

| Methods in [javax.tools](http://docs.google.com/javax/tools/package-summary.html) that return [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | |
| --- | --- |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **SimpleJavaFileObject.**[**getCharContent**](http://docs.google.com/javax/tools/SimpleJavaFileObject.html#getCharContent(boolean))(boolean ignoreEncodingErrors)            This implementation always throws [UnsupportedOperationException](http://docs.google.com/java/lang/UnsupportedOperationException.html). |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **ForwardingFileObject.**[**getCharContent**](http://docs.google.com/javax/tools/ForwardingFileObject.html#getCharContent(boolean))(boolean ignoreEncodingErrors) |
| [CharSequence](http://docs.google.com/java/lang/CharSequence.html) | **FileObject.**[**getCharContent**](http://docs.google.com/javax/tools/FileObject.html#getCharContent(boolean))(boolean ignoreEncodingErrors)            Gets the character content of this file object, if available. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/CharSequence.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?java/lang//class-useCharSequence.html)    [**NO FRAMES**](http://docs.google.com/CharSequence.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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