| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/text/Format.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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/text//class-useFormat.html)    [**NO FRAMES**](http://docs.google.com/Format.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.text.Format**

| Packages that use [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| [**java.text**](#3znysh7) | Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages. |
| [**javax.swing**](#2et92p0) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.text**](#tyjcwt) | Provides classes and interfaces that deal with editable and noneditable text components. |

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

| Subclasses of [Format](http://docs.google.com/java/text/Format.html) in [java.text](http://docs.google.com/java/text/package-summary.html) | |
| --- | --- |
| class | [**ChoiceFormat**](http://docs.google.com/java/text/ChoiceFormat.html)            A ChoiceFormat allows you to attach a format to a range of numbers. |
| class | [**DateFormat**](http://docs.google.com/java/text/DateFormat.html)            DateFormat is an abstract class for date/time formatting subclasses which formats and parses dates or time in a language-independent manner. |
| class | [**DecimalFormat**](http://docs.google.com/java/text/DecimalFormat.html)            DecimalFormat is a concrete subclass of NumberFormat that formats decimal numbers. |
| class | [**MessageFormat**](http://docs.google.com/java/text/MessageFormat.html)            MessageFormat provides a means to produce concatenated messages in a language-neutral way. |
| class | [**NumberFormat**](http://docs.google.com/java/text/NumberFormat.html)            NumberFormat is the abstract base class for all number formats. |
| class | [**SimpleDateFormat**](http://docs.google.com/java/text/SimpleDateFormat.html)            SimpleDateFormat is a concrete class for formatting and parsing dates in a locale-sensitive manner. |

| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) that return [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| [Format](http://docs.google.com/java/text/Format.html)[] | **MessageFormat.**[**getFormats**](http://docs.google.com/java/text/MessageFormat.html#getFormats())()            Gets the formats used for the format elements in the previously set pattern string. |
| [Format](http://docs.google.com/java/text/Format.html)[] | **MessageFormat.**[**getFormatsByArgumentIndex**](http://docs.google.com/java/text/MessageFormat.html#getFormatsByArgumentIndex())()            Gets the formats used for the values passed into format methods or returned from parse methods. |

| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) with parameters of type [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| void | **MessageFormat.**[**setFormat**](http://docs.google.com/java/text/MessageFormat.html#setFormat(int,%20java.text.Format))(int formatElementIndex, [Format](http://docs.google.com/java/text/Format.html) newFormat)            Sets the format to use for the format element with the given format element index within the previously set pattern string. |
| void | **MessageFormat.**[**setFormatByArgumentIndex**](http://docs.google.com/java/text/MessageFormat.html#setFormatByArgumentIndex(int,%20java.text.Format))(int argumentIndex, [Format](http://docs.google.com/java/text/Format.html) newFormat)            Sets the format to use for the format elements within the previously set pattern string that use the given argument index. |
| void | **MessageFormat.**[**setFormats**](http://docs.google.com/java/text/MessageFormat.html#setFormats(java.text.Format%5B%5D))([Format](http://docs.google.com/java/text/Format.html)[] newFormats)            Sets the formats to use for the format elements in the previously set pattern string. |
| void | **MessageFormat.**[**setFormatsByArgumentIndex**](http://docs.google.com/java/text/MessageFormat.html#setFormatsByArgumentIndex(java.text.Format%5B%5D))([Format](http://docs.google.com/java/text/Format.html)[] newFormats)            Sets the formats to use for the values passed into format methods or returned from parse methods. |

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

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| [**JFormattedTextField**](http://docs.google.com/javax/swing/JFormattedTextField.html#JFormattedTextField(java.text.Format))([Format](http://docs.google.com/java/text/Format.html) format)            Creates a JFormattedTextField. |

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

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| [Format](http://docs.google.com/java/text/Format.html) | **InternationalFormatter.**[**getFormat**](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getFormat())()            Returns the format that dictates the legal values that can be edited and displayed. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| void | **InternationalFormatter.**[**setFormat**](http://docs.google.com/javax/swing/text/InternationalFormatter.html#setFormat(java.text.Format))([Format](http://docs.google.com/java/text/Format.html) format)            Sets the format that dictates the legal values that can be edited and displayed. |
| void | **NumberFormatter.**[**setFormat**](http://docs.google.com/javax/swing/text/NumberFormatter.html#setFormat(java.text.Format))([Format](http://docs.google.com/java/text/Format.html) format)            Sets the format that dictates the legal values that can be edited and displayed. |

| Constructors in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [Format](http://docs.google.com/java/text/Format.html) | |
| --- | --- |
| [**InternationalFormatter**](http://docs.google.com/javax/swing/text/InternationalFormatter.html#InternationalFormatter(java.text.Format))([Format](http://docs.google.com/java/text/Format.html) format)            Creates an InternationalFormatter with the specified Format instance. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/text/Format.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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/text//class-useFormat.html)    [**NO FRAMES**](http://docs.google.com/Format.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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