| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/text/NumberFormat.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-useNumberFormat.html)    [**NO FRAMES**](http://docs.google.com/NumberFormat.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.text.NumberFormat**

| Packages that use [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | |
| --- | --- |
| [**java.text**](#3znysh7) | Provides classes and interfaces for handling text, dates, numbers, and messages in a manner independent of natural languages. |
| [**java.text.spi**](#2et92p0) | Service provider classes for the classes in the java.text package. |
| [**javax.swing.text**](#tyjcwt) | Provides classes and interfaces that deal with editable and noneditable text components. |

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

| Subclasses of [NumberFormat](http://docs.google.com/java/text/NumberFormat.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 | [**DecimalFormat**](http://docs.google.com/java/text/DecimalFormat.html)            DecimalFormat is a concrete subclass of NumberFormat that formats decimal numbers. |

| Fields in [java.text](http://docs.google.com/java/text/package-summary.html) declared as [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | |
| --- | --- |
| protected  [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **DateFormat.**[**numberFormat**](http://docs.google.com/java/text/DateFormat.html#numberFormat)            The number formatter that DateFormat uses to format numbers in dates and times. |

| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) that return [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | |
| --- | --- |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getCurrencyInstance**](http://docs.google.com/java/text/NumberFormat.html#getCurrencyInstance())()            Returns a currency format for the current default locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getCurrencyInstance**](http://docs.google.com/java/text/NumberFormat.html#getCurrencyInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) inLocale)            Returns a currency format for the specified locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getInstance**](http://docs.google.com/java/text/NumberFormat.html#getInstance())()            Returns a general-purpose number format for the current default locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getInstance**](http://docs.google.com/java/text/NumberFormat.html#getInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) inLocale)            Returns a general-purpose number format for the specified locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getIntegerInstance**](http://docs.google.com/java/text/NumberFormat.html#getIntegerInstance())()            Returns an integer number format for the current default locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getIntegerInstance**](http://docs.google.com/java/text/NumberFormat.html#getIntegerInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) inLocale)            Returns an integer number format for the specified locale. |
| [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **DateFormat.**[**getNumberFormat**](http://docs.google.com/java/text/DateFormat.html#getNumberFormat())()            Gets the number formatter which this date/time formatter uses to format and parse a time. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getNumberInstance**](http://docs.google.com/java/text/NumberFormat.html#getNumberInstance())()            Returns a general-purpose number format for the current default locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getNumberInstance**](http://docs.google.com/java/text/NumberFormat.html#getNumberInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) inLocale)            Returns a general-purpose number format for the specified locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getPercentInstance**](http://docs.google.com/java/text/NumberFormat.html#getPercentInstance())()            Returns a percentage format for the current default locale. |
| static [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormat.**[**getPercentInstance**](http://docs.google.com/java/text/NumberFormat.html#getPercentInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) inLocale)            Returns a percentage format for the specified locale. |

| Methods in [java.text](http://docs.google.com/java/text/package-summary.html) with parameters of type [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | |
| --- | --- |
| void | **DateFormat.**[**setNumberFormat**](http://docs.google.com/java/text/DateFormat.html#setNumberFormat(java.text.NumberFormat))([NumberFormat](http://docs.google.com/java/text/NumberFormat.html) newNumberFormat)            Allows you to set the number formatter. |

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

| Methods in [java.text.spi](http://docs.google.com/java/text/spi/package-summary.html) that return [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | |
| --- | --- |
| abstract  [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormatProvider.**[**getCurrencyInstance**](http://docs.google.com/java/text/spi/NumberFormatProvider.html#getCurrencyInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a new NumberFormat instance which formats monetary values for the specified locale. |
| abstract  [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormatProvider.**[**getIntegerInstance**](http://docs.google.com/java/text/spi/NumberFormatProvider.html#getIntegerInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a new NumberFormat instance which formats integer values for the specified locale. |
| abstract  [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormatProvider.**[**getNumberInstance**](http://docs.google.com/java/text/spi/NumberFormatProvider.html#getNumberInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a new general-purpose NumberFormat instance for the specified locale. |
| abstract  [NumberFormat](http://docs.google.com/java/text/NumberFormat.html) | **NumberFormatProvider.**[**getPercentInstance**](http://docs.google.com/java/text/spi/NumberFormatProvider.html#getPercentInstance(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns a new NumberFormat instance which formats percentage values for the specified locale. |

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

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