| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DateFormatter.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/swing/text/CompositeView.html)   [**NEXT CLASS**](http://docs.google.com/javax/swing/text/DefaultCaret.html) | [**FRAMES**](http://docs.google.com/index.html?javax/swing/text/DateFormatter.html)    [**NO FRAMES**](http://docs.google.com/DateFormatter.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

## **javax.swing.text**

Class DateFormatter

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.swing.JFormattedTextField.AbstractFormatter](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html)  
 [javax.swing.text.DefaultFormatter](http://docs.google.com/javax/swing/text/DefaultFormatter.html)  
 [javax.swing.text.InternationalFormatter](http://docs.google.com/javax/swing/text/InternationalFormatter.html)  
 **javax.swing.text.DateFormatter**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

public class **DateFormatter**extends [InternationalFormatter](http://docs.google.com/javax/swing/text/InternationalFormatter.html)

DateFormatter is an InternationalFormatter that does its formatting by way of an instance of java.text.DateFormat.

**Warning:** Serialized objects of this class will not be compatible with future Swing releases. The current serialization support is appropriate for short term storage or RMI between applications running the same version of Swing. As of 1.4, support for long term storage of all JavaBeansTM has been added to the java.beans package. Please see [XMLEncoder](http://docs.google.com/java/beans/XMLEncoder.html).

**Since:** 1.4 **See Also:**[DateFormat](http://docs.google.com/java/text/DateFormat.html)

| **Constructor Summary** | |
| --- | --- |
| [**DateFormatter**](http://docs.google.com/javax/swing/text/DateFormatter.html#DateFormatter())()            This is shorthand for new DateFormatter(DateFormat.getDateInstance()). |
| [**DateFormatter**](http://docs.google.com/javax/swing/text/DateFormatter.html#DateFormatter(java.text.DateFormat))([DateFormat](http://docs.google.com/java/text/DateFormat.html) format)            Returns a DateFormatter configured with the specified Format instance. |

| **Method Summary** | |
| --- | --- |
| void | [**setFormat**](http://docs.google.com/javax/swing/text/DateFormatter.html#setFormat(java.text.DateFormat))([DateFormat](http://docs.google.com/java/text/DateFormat.html) format)            Sets the format that dictates the legal values that can be edited and displayed. |

| **Methods inherited from class javax.swing.text.**[**InternationalFormatter**](http://docs.google.com/javax/swing/text/InternationalFormatter.html) |
| --- |
| [clone](http://docs.google.com/javax/swing/text/InternationalFormatter.html#clone()), [getActions](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getActions()), [getFields](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getFields(int)), [getFormat](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getFormat()), [getMaximum](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getMaximum()), [getMinimum](http://docs.google.com/javax/swing/text/InternationalFormatter.html#getMinimum()), [install](http://docs.google.com/javax/swing/text/InternationalFormatter.html#install(javax.swing.JFormattedTextField)), [setFormat](http://docs.google.com/javax/swing/text/InternationalFormatter.html#setFormat(java.text.Format)), [setMaximum](http://docs.google.com/javax/swing/text/InternationalFormatter.html#setMaximum(java.lang.Comparable)), [setMinimum](http://docs.google.com/javax/swing/text/InternationalFormatter.html#setMinimum(java.lang.Comparable)), [stringToValue](http://docs.google.com/javax/swing/text/InternationalFormatter.html#stringToValue(java.lang.String)), [valueToString](http://docs.google.com/javax/swing/text/InternationalFormatter.html#valueToString(java.lang.Object)) |

| **Methods inherited from class javax.swing.text.**[**DefaultFormatter**](http://docs.google.com/javax/swing/text/DefaultFormatter.html) |
| --- |
| [getAllowsInvalid](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getAllowsInvalid()), [getCommitsOnValidEdit](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getCommitsOnValidEdit()), [getDocumentFilter](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getDocumentFilter()), [getNavigationFilter](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getNavigationFilter()), [getOverwriteMode](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getOverwriteMode()), [getValueClass](http://docs.google.com/javax/swing/text/DefaultFormatter.html#getValueClass()), [setAllowsInvalid](http://docs.google.com/javax/swing/text/DefaultFormatter.html#setAllowsInvalid(boolean)), [setCommitsOnValidEdit](http://docs.google.com/javax/swing/text/DefaultFormatter.html#setCommitsOnValidEdit(boolean)), [setOverwriteMode](http://docs.google.com/javax/swing/text/DefaultFormatter.html#setOverwriteMode(boolean)), [setValueClass](http://docs.google.com/javax/swing/text/DefaultFormatter.html#setValueClass(java.lang.Class)) |

| **Methods inherited from class javax.swing.**[**JFormattedTextField.AbstractFormatter**](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html) |
| --- |
| [getFormattedTextField](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html#getFormattedTextField()), [invalidEdit](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html#invalidEdit()), [setEditValid](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html#setEditValid(boolean)), [uninstall](http://docs.google.com/javax/swing/JFormattedTextField.AbstractFormatter.html#uninstall()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [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)) |

| **Constructor Detail** |
| --- |

### DateFormatter

public **DateFormatter**()

This is shorthand for new DateFormatter(DateFormat.getDateInstance()).

### DateFormatter

public **DateFormatter**([DateFormat](http://docs.google.com/java/text/DateFormat.html) format)

Returns a DateFormatter configured with the specified Format instance.

**Parameters:**format - Format used to dictate legal values

| **Method Detail** |
| --- |

### setFormat

public void **setFormat**([DateFormat](http://docs.google.com/java/text/DateFormat.html) format)

Sets the format that dictates the legal values that can be edited and displayed.

If you have used the nullary constructor the value of this property will be determined for the current locale by way of the Dateformat.getDateInstance() method.

**Parameters:**format - DateFormat instance used for converting from/to Strings

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/DateFormatter.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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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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