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org.apache.commons.beanutils.locale

## Class BaseLocaleConverter

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.beanutils.locale.BaseLocaleConverter
* All Implemented Interfaces: [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html), [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) Direct Known Subclasses: [DateLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/DateLocaleConverter.html), [DecimalLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/DecimalLocaleConverter.html), [StringLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/StringLocaleConverter.html)  
    
  public abstract class BaseLocaleConverter  
  extends [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)  
  implements [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html)  
  The base class for all standart type locale-sensitive converters. It has [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) and [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html) implementations, that convert an incoming locale-sensitive Object into an object of correspond type, optionally using a default value or throwing a [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) if a conversion error occurs.Version: $Id$

### Field SummaryFields

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + protected [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) | * + [locale](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#locale) The locale specified to our Constructor, by default - system locale. |
| * + protected boolean | * + [locPattern](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#locPattern) The flag indicating whether the given pattern string is localized or not. |
| * + protected [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [pattern](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#pattern) The default pattern specified to our Constructor, if any. |
| * + protected boolean | * + [useDefault](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#useDefault) Should we return the default value on conversion errors? |

### Constructor SummaryConstructors

|  |  |
| --- | --- |
| * + Modifier | * + Constructor and Description |
| * + protected | * + [BaseLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#BaseLocaleConverter-java.util.Locale-java.lang.String-)([Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will throw a [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) if a conversion error occurs. |
| * + protected | * + [BaseLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#BaseLocaleConverter-java.util.Locale-java.lang.String-boolean-)([Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern, boolean locPattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will throw a [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) if a conversion error occurs. |
| * + protected | * + [BaseLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#BaseLocaleConverter-java.lang.Object-java.util.Locale-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) defaultValue, [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will return the specified default value if a conversion error occurs. |
| * + protected | * + [BaseLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#BaseLocaleConverter-java.lang.Object-java.util.Locale-java.lang.String-boolean-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) defaultValue, [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern, boolean locPattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will return the specified default value if a conversion error occurs. |

### Method SummaryAll Methods Instance Methods Abstract Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + <T> T | * + [convert](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#convert-java.lang.Class-java.lang.Object-)([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<T> type, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Convert the specified locale-sensitive input object into an output object of the specified type. |
| * + <T> T | * + [convert](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#convert-java.lang.Class-java.lang.Object-java.lang.String-)([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<T> type, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Convert the specified locale-sensitive input object into an output object of the specified type. |
| * + [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) | * + [convert](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#convert-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Convert the specified locale-sensitive input object into an output object. |
| * + [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) | * + [convert](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#convert-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Convert the specified locale-sensitive input object into an output object. |
| * + protected abstract [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) | * + [parse](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html#parse-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Convert the specified locale-sensitive input object into an output object of the specified type. |

### Methods inherited from class java.lang.[**Object**](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)[clone](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#clone--), [equals](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#equals-java.lang.Object-), [finalize](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#finalize--), [getClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#getClass--), [hashCode](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#hashCode--), [notify](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notify--), [notifyAll](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notifyAll--), [toString](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#toString--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-int-)

### Field Detail

#### useDefault protected boolean useDefault Should we return the default value on conversion errors?

#### locale protected [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale The locale specified to our Constructor, by default - system locale.

#### pattern protected [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern The default pattern specified to our Constructor, if any.

#### locPattern protected boolean locPattern The flag indicating whether the given pattern string is localized or not.

### Constructor Detail

#### BaseLocaleConverter protected BaseLocaleConverter([Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will throw a [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) if a conversion error occurs. An unlocalized pattern is used for the convertion.Parameters: locale - The locale pattern - The convertion pattern

#### BaseLocaleConverter protected BaseLocaleConverter([Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern, boolean locPattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will throw a [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) if a conversion error occurs.Parameters: locale - The locale pattern - The convertion pattern locPattern - Indicate whether the pattern is localized or not

#### BaseLocaleConverter protected BaseLocaleConverter([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) defaultValue, [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will return the specified default value if a conversion error occurs. An unlocalized pattern is used for the convertion.Parameters: defaultValue - The default value to be returned locale - The locale pattern - The convertion pattern

#### BaseLocaleConverter protected BaseLocaleConverter([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) defaultValue, [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern, boolean locPattern) Create a [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) that will return the specified default value if a conversion error occurs.Parameters: defaultValue - The default value to be returned locale - The locale pattern - The convertion pattern locPattern - Indicate whether the pattern is localized or not

### Method Detail

#### parse protected abstract [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) parse([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [ParseException](https://docs.oracle.com/javase/7/docs/api/java/text/ParseException.html?is-external=true) Convert the specified locale-sensitive input object into an output object of the specified type.Parameters: value - The input object to be converted pattern - The pattern is used for the convertion Returns: The converted value Throws: [ParseException](https://docs.oracle.com/javase/7/docs/api/java/text/ParseException.html?is-external=true) - if conversion cannot be performed successfully

#### convert public [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) convert([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Convert the specified locale-sensitive input object into an output object. The default pattern is used for the conversion.Parameters: value - The input object to be converted Returns: The converted value Throws: [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) - if conversion cannot be performed successfully

#### convert public [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) convert([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Convert the specified locale-sensitive input object into an output object.Parameters: value - The input object to be converted pattern - The pattern is used for the conversion Returns: The converted value Throws: [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) - if conversion cannot be performed successfully

#### convert public <T> T convert([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<T> type, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Convert the specified locale-sensitive input object into an output object of the specified type. The default pattern is used for the convertion.Specified by: [convert](http://docs.google.com/org/apache/commons/beanutils/Converter.html#convert-java.lang.Class-java.lang.Object-) in interface [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html) Type Parameters: T - The desired target type of the conversion Parameters: type - Data type to which this value should be converted value - The input object to be converted Returns: The converted value Throws: [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) - if conversion cannot be performed successfully

#### convert public <T> T convert([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<T> type, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Convert the specified locale-sensitive input object into an output object of the specified type.Specified by: [convert](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html#convert-java.lang.Class-java.lang.Object-java.lang.String-) in interface [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) Type Parameters: T - The desired target type of the conversion Parameters: type - Data is type to which this value should be converted value - is the input object to be converted pattern - is the pattern is used for the conversion; if null is passed then the default pattern associated with the converter object will be used. Returns: The converted value Throws: [ConversionException](http://docs.google.com/org/apache/commons/beanutils/ConversionException.html) - if conversion cannot be performed successfully

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