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org.apache.commons.beanutils.locale

## Class LocaleBeanUtils

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [org.apache.commons.beanutils.BeanUtils](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html)
    - org.apache.commons.beanutils.locale.LocaleBeanUtils
* public class LocaleBeanUtils  
  extends [BeanUtils](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html)  
  Utility methods for populating JavaBeans properties via reflection in a locale-dependent manner.  
  The implementations for these methods are provided by LocaleBeanUtilsBean. For more details see [LocaleBeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html).Version: $Id$

### Nested Class SummaryNested Classes

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + protected static class | * + [LocaleBeanUtils.Descriptor](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.Descriptor.html) Deprecated.  moved into LocaleBeanUtils |

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [LocaleBeanUtils](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#LocaleBeanUtils--)() |

### Method SummaryAll Methods Static Methods Concrete Methods Deprecated Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + protected static [LocaleBeanUtils.Descriptor](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.Descriptor.html) | * + [calculate](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#calculate-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Deprecated.  moved into LocaleBeanUtilsBean |
| * + protected static [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/LocaleBeanUtils.html#convert-java.lang.Class-int-java.lang.Object-)([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type, int index, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Convert the specified value to the required type. |
| * + protected static [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/LocaleBeanUtils.html#convert-java.lang.Class-int-java.lang.Object-java.lang.String-)([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type, int index, [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 value to the required type using the specified conversion pattern. |
| * + protected static [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> | * + [definePropertyType](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#definePropertyType-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) target, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propName) Calculate the property type. |
| * + static boolean | * + [getApplyLocalized](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getApplyLocalized--)() Gets whether the pattern is localized or not. |
| * + static [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) | * + [getDefaultLocale](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getDefaultLocale--)() Gets the locale used when no locale is passed. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getIndexedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getIndexedProperty-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Return the value of the specified locale-sensitive indexed property of the specified bean, as a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getIndexedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getIndexedProperty-java.lang.Object-java.lang.String-int-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, int index) Return the value of the specified locale-sensetive indexed property of the specified bean, as a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getIndexedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getIndexedProperty-java.lang.Object-java.lang.String-int-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, int index, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the specified locale-sensetive indexed property of the specified bean, as a String using the specified conversion pattern. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getIndexedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getIndexedProperty-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the specified locale-sensitive indexed property of the specified bean, as a String. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getMappedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getMappedProperty-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Return the value of the specified locale-sensitive mapped property of the specified bean, as a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getMappedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getMappedProperty-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) key) Return the value of the specified mapped locale-sensitive property of the specified bean, as a String The key is specified as a method parameter and must \*not\* be included in the property name expression. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getMappedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getMappedProperty-java.lang.Object-java.lang.String-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) key, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the specified mapped locale-sensitive property of the specified bean, as a String using the specified conversion pattern. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getMappedPropertyLocale](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getMappedPropertyLocale-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the specified locale-sensitive mapped property of the specified bean, as a String using the specified pattern. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getNestedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getNestedProperty-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Return the value of the (possibly nested) locale-sensitive property of the specified name. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getNestedProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getNestedProperty-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the (possibly nested) locale-sensitive property of the specified name, for the specified bean, as a String using the specified pattern. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getProperty-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Return the value of the specified locale-sensitive property of the specified bean. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getProperty-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the specified locale-sensitive property of the specified bean. |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getSimpleProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getSimpleProperty-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) Return the value of the specified simple locale-sensitive property of the specified bean, converted to a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). |
| * + static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getSimpleProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#getSimpleProperty-java.lang.Object-java.lang.String-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) Return the value of the specified simple locale-sensitive property of the specified bean, converted to a String using the specified conversion pattern. |
| * + protected static void | * + [invokeSetter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#invokeSetter-java.lang.Object-java.lang.String-java.lang.String-int-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) target, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propName, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) key, int index, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) newValue) Invoke the setter method. |
| * + static void | * + [setApplyLocalized](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#setApplyLocalized-boolean-)(boolean newApplyLocalized) Sets whether the pattern is localized or not. |
| * + static void | * + [setDefaultLocale](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#setDefaultLocale-java.util.Locale-)([Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale) Sets the locale used when no locale is passed. |
| * + static void | * + [setProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#setProperty-java.lang.Object-java.lang.String-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Set the specified locale-sensitive property value, performing type conversions as required to conform to the type of the destination property using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). |
| * + static void | * + [setProperty](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#setProperty-java.lang.Object-java.lang.String-java.lang.Object-java.lang.String-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [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) Set the specified locale-sensitive property value, performing type conversions as required to conform to the type of the destination property using the specified conversion pattern. |

### Methods inherited from class org.apache.commons.beanutils.[**BeanUtils**](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html)[cloneBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#cloneBean-java.lang.Object-), [copyProperties](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#copyProperties-java.lang.Object-java.lang.Object-), [copyProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#copyProperty-java.lang.Object-java.lang.String-java.lang.Object-), [createCache](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#createCache--), [describe](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#describe-java.lang.Object-), [getArrayProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#getArrayProperty-java.lang.Object-java.lang.String-), [getCacheFast](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#getCacheFast-java.util.Map-), [getDebug](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#getDebug--), [initCause](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#initCause-java.lang.Throwable-java.lang.Throwable-), [populate](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#populate-java.lang.Object-java.util.Map-), [setCacheFast](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#setCacheFast-java.util.Map-boolean-), [setDebug](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#setDebug-int-)

### 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-)

### Constructor Detail

#### LocaleBeanUtils public LocaleBeanUtils()

### Method Detail

#### getDefaultLocale public static [Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) getDefaultLocale() Gets the locale used when no locale is passed. For more details see LocaleBeanUtilsBeanReturns: the default locale See Also: [LocaleBeanUtilsBean.getDefaultLocale()](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getDefaultLocale--)

#### setDefaultLocale public static void setDefaultLocale([Locale](https://docs.oracle.com/javase/7/docs/api/java/util/Locale.html?is-external=true) locale) Sets the locale used when no locale is passed. For more details see LocaleBeanUtilsBeanParameters: locale - the default locale See Also: [LocaleBeanUtilsBean.setDefaultLocale(Locale)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#setDefaultLocale-java.util.Locale-)

#### getApplyLocalized public static boolean getApplyLocalized() Gets whether the pattern is localized or not. For more details see LocaleBeanUtilsBeanReturns: true if pattern is localized, otherwise false See Also: [LocaleBeanUtilsBean.getApplyLocalized()](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getApplyLocalized--)

#### setApplyLocalized public static void setApplyLocalized(boolean newApplyLocalized) Sets whether the pattern is localized or not. For more details see LocaleBeanUtilsBeanParameters: newApplyLocalized - true if pattern is localized, otherwise false See Also: [LocaleBeanUtilsBean.setApplyLocalized(boolean)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#setApplyLocalized-boolean-)

#### getIndexedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getIndexedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensitive indexed property of the specified bean, as a String. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - propertyname[index] of the property value to be extracted pattern - The conversion pattern Returns: The indexed property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getIndexedProperty(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getIndexedProperty-java.lang.Object-java.lang.String-java.lang.String-)

#### getIndexedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getIndexedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensitive indexed property of the specified bean, as a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - propertyname[index] of the property value to be extracted Returns: The indexed property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getIndexedProperty(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getIndexedProperty-java.lang.Object-java.lang.String-)

#### getIndexedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getIndexedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, int index, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensetive indexed property of the specified bean, as a String using the specified conversion pattern. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Simple property name of the property value to be extracted index - Index of the property value to be extracted pattern - The conversion pattern Returns: The indexed property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getIndexedProperty(Object, String, int, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getIndexedProperty-java.lang.Object-java.lang.String-int-java.lang.String-)

#### getIndexedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getIndexedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, int index) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensetive indexed property of the specified bean, as a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Simple property name of the property value to be extracted index - Index of the property value to be extracted Returns: The indexed property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getIndexedProperty(Object, String, int)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getIndexedProperty-java.lang.Object-java.lang.String-int-)

#### getSimpleProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getSimpleProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified simple locale-sensitive property of the specified bean, converted to a String using the specified conversion pattern. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Name of the property to be extracted pattern - The conversion pattern Returns: The property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getSimpleProperty(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getSimpleProperty-java.lang.Object-java.lang.String-java.lang.String-)

#### getSimpleProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getSimpleProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified simple locale-sensitive property of the specified bean, converted to a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Name of the property to be extracted Returns: The property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getSimpleProperty(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getSimpleProperty-java.lang.Object-java.lang.String-)

#### getMappedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getMappedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) key, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified mapped locale-sensitive property of the specified bean, as a String using the specified conversion pattern. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Simple property name of the property value to be extracted key - Lookup key of the property value to be extracted pattern - The conversion pattern Returns: The mapped property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getMappedProperty(Object, String, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getMappedProperty-java.lang.Object-java.lang.String-java.lang.String-java.lang.String-)

#### getMappedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getMappedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) key) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified mapped locale-sensitive property of the specified bean, as a String The key is specified as a method parameter and must \*not\* be included in the property name expression. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Simple property name of the property value to be extracted key - Lookup key of the property value to be extracted Returns: The mapped property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getMappedProperty(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getMappedProperty-java.lang.Object-java.lang.String-java.lang.String-)

#### getMappedPropertyLocale public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getMappedPropertyLocale([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensitive mapped property of the specified bean, as a String using the specified pattern. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - propertyname(index) of the property value to be extracted pattern - The conversion pattern Returns: The mapped property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getMappedPropertyLocale(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getMappedPropertyLocale-java.lang.Object-java.lang.String-java.lang.String-)

#### getMappedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getMappedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensitive mapped property of the specified bean, as a String using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - propertyname(index) of the property value to be extracted Returns: The mapped property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getMappedProperty(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getMappedProperty-java.lang.Object-java.lang.String-)

#### getNestedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getNestedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the (possibly nested) locale-sensitive property of the specified name, for the specified bean, as a String using the specified pattern. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Possibly nested name of the property to be extracted pattern - The conversion pattern Returns: The nested property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getNestedProperty(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getNestedProperty-java.lang.Object-java.lang.String-java.lang.String-)

#### getNestedProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getNestedProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the (possibly nested) locale-sensitive property of the specified name. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Possibly nested name of the property to be extracted Returns: The nested property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getNestedProperty(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getNestedProperty-java.lang.Object-java.lang.String-)

#### getProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) pattern) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensitive property of the specified bean. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Possibly indexed and/or nested name of the property to be extracted pattern - The conversion pattern Returns: The nested property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getProperty(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getProperty-java.lang.Object-java.lang.String-java.lang.String-)

#### getProperty public static [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true), [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) Return the value of the specified locale-sensitive property of the specified bean. For more details see LocaleBeanUtilsBeanParameters: bean - Bean whose property is to be extracted name - Possibly indexed and/or nested name of the property to be extracted Returns: The property's value, converted to a String Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception [NoSuchMethodException](https://docs.oracle.com/javase/7/docs/api/java/lang/NoSuchMethodException.html?is-external=true) - if an accessor method for this propety cannot be found See Also: [LocaleBeanUtilsBean.getProperty(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#getProperty-java.lang.Object-java.lang.String-)

#### setProperty public static void setProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) Set the specified locale-sensitive property value, performing type conversions as required to conform to the type of the destination property using the default conversion pattern of the corresponding [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html). For more details see LocaleBeanUtilsBeanParameters: bean - Bean on which setting is to be performed name - Property name (can be nested/indexed/mapped/combo) value - Value to be set Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception See Also: [LocaleBeanUtilsBean.setProperty(Object, String, Object)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#setProperty-java.lang.Object-java.lang.String-java.lang.Object-)

#### setProperty public static void setProperty([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [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 [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) Set the specified locale-sensitive property value, performing type conversions as required to conform to the type of the destination property using the specified conversion pattern. For more details see LocaleBeanUtilsBeanParameters: bean - Bean on which setting is to be performed name - Property name (can be nested/indexed/mapped/combo) value - Value to be set pattern - The conversion pattern Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception See Also: [LocaleBeanUtilsBean.setProperty(Object, String, Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#setProperty-java.lang.Object-java.lang.String-java.lang.Object-java.lang.String-)

#### definePropertyType protected static [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> definePropertyType([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) target, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propName) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) Calculate the property type. For more details see LocaleBeanUtilsBeanParameters: target - The bean name - The property name propName - The Simple name of target property Returns: The property's type Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception See Also: [LocaleBeanUtilsBean.definePropertyType(Object, String, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#definePropertyType-java.lang.Object-java.lang.String-java.lang.String-)

#### convert protected static [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) convert([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type, int index, [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 value to the required type using the specified conversion pattern. For more details see LocaleBeanUtilsBeanParameters: type - The Java type of target property index - The indexed subscript value (if any) value - The value to be converted pattern - The conversion pattern Returns: The converted value See Also: [LocaleBeanUtilsBean.convert(Class, int, Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#convert-java.lang.Class-int-java.lang.Object-java.lang.String-)

#### convert protected static [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) convert([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type, int index, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value) Convert the specified value to the required type. For more details see LocaleBeanUtilsBeanParameters: type - The Java type of target property index - The indexed subscript value (if any) value - The value to be converted Returns: The converted value See Also: [LocaleBeanUtilsBean.convert(Class, int, Object)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#convert-java.lang.Class-int-java.lang.Object-)

#### invokeSetter protected static void invokeSetter([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) target, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propName, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) key, int index, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) newValue) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) Invoke the setter method. For more details see LocaleBeanUtilsBeanParameters: target - The bean propName - The Simple name of target property key - The Mapped key value (if any) index - The indexed subscript value (if any) newValue - The value to be set Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception See Also: [LocaleBeanUtilsBean.invokeSetter(Object, String, String, int, Object)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#invokeSetter-java.lang.Object-java.lang.String-java.lang.String-int-java.lang.Object-)

#### calculate [@Deprecated](https://docs.oracle.com/javase/7/docs/api/java/lang/Deprecated.html?is-external=true) protected static [LocaleBeanUtils.Descriptor](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.Descriptor.html) calculate([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) bean, [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) name) throws [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true), [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) Deprecated. moved into LocaleBeanUtilsBean Resolve any nested expression to get the actual target bean.Parameters: bean - The bean name - The property name Returns: The property's descriptor Throws: [IllegalAccessException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalAccessException.html?is-external=true) - if the caller does not have access to the property accessor method [InvocationTargetException](https://docs.oracle.com/javase/7/docs/api/java/lang/reflect/InvocationTargetException.html?is-external=true) - if the property accessor method throws an exception

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