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[Skip navigation links](#1fob9te)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/BeanUtilsBean2.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html)
* [Next Class](http://docs.google.com/org/apache/commons/beanutils/ConstructorUtils.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/beanutils/BeanUtilsBean2.html)
* [No Frames](http://docs.google.com/BeanUtilsBean2.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* [Constr](#3znysh7) |
* [Method](#2et92p0)
* Detail:
* Field |
* [Constr](#1t3h5sf) |
* [Method](#2s8eyo1)

org.apache.commons.beanutils

## Class BeanUtilsBean2

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [org.apache.commons.beanutils.BeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html)
    - org.apache.commons.beanutils.BeanUtilsBean2
* public class BeanUtilsBean2  
  extends [BeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html)  
  [BeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html) implementation that creates a [ConvertUtilsBean2](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean2.html) and delegates conversion to [ConvertUtilsBean.convert(Object, Class)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#convert-java.lang.Object-java.lang.Class-).  
  To configure this implementation for the current context ClassLoader invoke BeanUtilsBean.setInstance(new BeanUtilsBean2());  
  BeanUtils 1.7.0 delegated all conversion to String to the converter registered for the String.class. One of the improvements in BeanUtils 1.8.0 was to upgrade the [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html) implementations so that they could handle conversion to String for their type (e.g. IntegerConverter now handles conversion from an Integer to a String as well as String to Integer).  
  In order to take advantage of these improvements BeanUtils needs to change how it gets the appropriate [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html). This functionality has been implemented in the new [ConvertUtilsBean.lookup(Class, Class)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#lookup-java.lang.Class-java.lang.Class-) and [ConvertUtilsBean.convert(Object, Class)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#convert-java.lang.Object-java.lang.Class-) methods. However changing [BeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html) to use these methods could create compatibility issues for existing users. In order to avoid that, this new [BeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html) implementation has been created (and the associated [ConvertUtilsBean2](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean2.html)).Since: 1.8.0 Version: $Id$ See Also: [ConvertUtilsBean2](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean2.html)

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [BeanUtilsBean2](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean2.html#BeanUtilsBean2--)() Constructs an instance using new property and conversion instances. |

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + protected [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/BeanUtilsBean2.html#convert-java.lang.Object-java.lang.Class-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) value, [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type) Convert the value to an object of the specified class (if possible). |

### Methods inherited from class org.apache.commons.beanutils.[**BeanUtilsBean**](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html)[cloneBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#cloneBean-java.lang.Object-), [copyProperties](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#copyProperties-java.lang.Object-java.lang.Object-), [copyProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#copyProperty-java.lang.Object-java.lang.String-java.lang.Object-), [describe](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#describe-java.lang.Object-), [getArrayProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getArrayProperty-java.lang.Object-java.lang.String-), [getConvertUtils](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getConvertUtils--), [getIndexedProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getIndexedProperty-java.lang.Object-java.lang.String-), [getIndexedProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getIndexedProperty-java.lang.Object-java.lang.String-int-), [getInstance](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getInstance--), [getMappedProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getMappedProperty-java.lang.Object-java.lang.String-), [getMappedProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getMappedProperty-java.lang.Object-java.lang.String-java.lang.String-), [getNestedProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getNestedProperty-java.lang.Object-java.lang.String-), [getProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getProperty-java.lang.Object-java.lang.String-), [getPropertyUtils](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getPropertyUtils--), [getSimpleProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#getSimpleProperty-java.lang.Object-java.lang.String-), [initCause](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#initCause-java.lang.Throwable-java.lang.Throwable-), [populate](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#populate-java.lang.Object-java.util.Map-), [setInstance](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#setInstance-org.apache.commons.beanutils.BeanUtilsBean-), [setProperty](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#setProperty-java.lang.Object-java.lang.String-java.lang.Object-)

### 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

#### BeanUtilsBean2 public BeanUtilsBean2() Constructs an instance using new property and conversion instances.

### Method Detail

#### convert protected [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, [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type) Convert the value to an object of the specified class (if possible).Overrides: [convert](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html#convert-java.lang.Object-java.lang.Class-) in class [BeanUtilsBean](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html) Parameters: value - Value to be converted (may be null) type - Class of the value to be converted to Returns: The converted value

[Skip navigation links](#lnxbz9)

* [Overview](http://docs.google.com/overview-summary.html)
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* Class
* [Use](http://docs.google.com/class-use/BeanUtilsBean2.html)
* [Tree](http://docs.google.com/package-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* [Prev Class](http://docs.google.com/org/apache/commons/beanutils/BeanUtilsBean.html)
* [Next Class](http://docs.google.com/org/apache/commons/beanutils/ConstructorUtils.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/beanutils/BeanUtilsBean2.html)
* [No Frames](http://docs.google.com/BeanUtilsBean2.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* [Constr](#3znysh7) |
* [Method](#2et92p0)
* Detail:
* Field |
* [Constr](#1t3h5sf) |
* [Method](#2s8eyo1)

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