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Deprecated API

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* Deprecated Classes

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| * Class and Description |
| * [org.apache.commons.beanutils.converters.AbstractArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.BooleanArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/BooleanArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.ByteArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ByteArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.CharacterArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/CharacterArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.DoubleArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/DoubleArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.DynaBeanMapDecorator](http://docs.google.com/org/apache/commons/beanutils/DynaBeanMapDecorator.html) Use [DynaBeanPropertyMapDecorator](http://docs.google.com/org/apache/commons/beanutils/DynaBeanPropertyMapDecorator.html) instead. When adding generics it turned out that it was not possible to use the correct type parameters without breaking backwards compatibility. Therefore, class DynaBeanPropertyMapDecorator was introduced as a replacement. |
| * [org.apache.commons.beanutils.converters.FloatArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/FloatArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.IntegerArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/IntegerArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.locale.LocaleBeanUtils.Descriptor](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.Descriptor.html) moved into LocaleBeanUtils |
| * [org.apache.commons.beanutils.locale.LocaleBeanUtilsBean.Descriptor](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.Descriptor.html) Property name expressions are now processed by the configured [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation and this class is no longer used by BeanUtils. |
| * [org.apache.commons.beanutils.converters.LongArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/LongArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.ShortArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ShortArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |
| * [org.apache.commons.beanutils.converters.StringArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/StringArrayConverter.html) Replaced by the new [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html) implementation |

* Deprecated Fields

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| * Field and Description |
| * [org.apache.commons.beanutils.WrapDynaClass.beanClass](http://docs.google.com/org/apache/commons/beanutils/WrapDynaClass.html#beanClass) No longer initialized, use getBeanClass() method instead |
| * [org.apache.commons.beanutils.BeanMap.defaultTransformers](http://docs.google.com/org/apache/commons/beanutils/BeanMap.html#defaultTransformers) Use [BeanMap.getTypeTransformer(Class)](http://docs.google.com/org/apache/commons/beanutils/BeanMap.html#getTypeTransformer-java.lang.Class-) method |
| * [org.apache.commons.beanutils.WrapDynaClass.dynaClasses](http://docs.google.com/org/apache/commons/beanutils/WrapDynaClass.html#dynaClasses) The dynaClasses Map will be removed in a subsequent release |
| * [org.apache.commons.beanutils.PropertyUtils.INDEXED\_DELIM](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#INDEXED_DELIM) The notation used for property name expressions is now dependant on the [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation being used. |
| * [org.apache.commons.beanutils.PropertyUtils.INDEXED\_DELIM2](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#INDEXED_DELIM2) The notation used for property name expressions is now dependant on the [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation being used. |
| * [org.apache.commons.beanutils.PropertyUtils.MAPPED\_DELIM](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#MAPPED_DELIM) The notation used for property name expressions is now dependant on the [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation being used. |
| * [org.apache.commons.beanutils.PropertyUtils.MAPPED\_DELIM2](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#MAPPED_DELIM2) The notation used for property name expressions is now dependant on the [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation being used. |
| * [org.apache.commons.beanutils.PropertyUtils.NESTED\_DELIM](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#NESTED_DELIM) The notation used for property name expressions is now dependant on the [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation being used. |
| * [org.apache.commons.beanutils.converters.BooleanConverter.NO\_DEFAULT](http://docs.google.com/org/apache/commons/beanutils/converters/BooleanConverter.html#NO_DEFAULT) Use constructors without default value. |

* Deprecated Methods

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| * Method and Description |
| * [org.apache.commons.beanutils.locale.LocaleBeanUtils.calculate(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtils.html#calculate-java.lang.Object-java.lang.String-) moved into LocaleBeanUtilsBean |
| * [org.apache.commons.beanutils.locale.LocaleBeanUtilsBean.calculate(Object, String)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleBeanUtilsBean.html#calculate-java.lang.Object-java.lang.String-) Property name expressions are now processed by the configured [Resolver](http://docs.google.com/org/apache/commons/beanutils/expression/Resolver.html) implementation and this method is no longer used by BeanUtils. |
| * [org.apache.commons.beanutils.locale.LocaleConvertUtilsBean.create(Locale)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConvertUtilsBean.html#create-java.util.Locale-) This method will be modified to return a Map in the next release. |
| * [org.apache.commons.beanutils.locale.LocaleConvertUtils.create(Locale)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConvertUtils.html#create-java.util.Locale-) This method will be modified to return a Map in the next release. |
| * [org.apache.commons.beanutils.PropertyUtils.getDebug()](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#getDebug--) The debug static property is no longer used |
| * [org.apache.commons.beanutils.BeanUtils.getDebug()](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#getDebug--) BeanUtils now uses commons-logging for all log messages. Use your favorite logging tool to configure logging for this class. |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultBoolean()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultBoolean--) Register replacement converters for Boolean.TYPE and Boolean.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultBoolean()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultBoolean--) Register replacement converters for Boolean.TYPE and Boolean.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultByte()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultByte--) Register replacement converters for Byte.TYPE and Byte.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultByte()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultByte--) Register replacement converters for Byte.TYPE and Byte.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultCharacter()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultCharacter--) Register replacement converters for Character.TYPE and Character.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultCharacter()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultCharacter--) Register replacement converters for Character.TYPE and Character.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultDouble()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultDouble--) Register replacement converters for Double.TYPE and Double.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultDouble()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultDouble--) Register replacement converters for Double.TYPE and Double.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultFloat()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultFloat--) Register replacement converters for Float.TYPE and Float.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultFloat()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultFloat--) Register replacement converters for Float.TYPE and Float.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultInteger()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultInteger--) Register replacement converters for Integer.TYPE and Integer.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultInteger()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultInteger--) Register replacement converters for Integer.TYPE and Integer.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultLong()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultLong--) Register replacement converters for Long.TYPE and Long.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultLong()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultLong--) Register replacement converters for Long.TYPE and Long.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.getDefaultShort()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#getDefaultShort--) Register replacement converters for Short.TYPE and Short.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.getDefaultShort()](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#getDefaultShort--) Register replacement converters for Short.TYPE and Short.class instead |
| * [org.apache.commons.beanutils.PropertyUtilsBean.getMappedPropertyDescriptors(Class<?>)](http://docs.google.com/org/apache/commons/beanutils/PropertyUtilsBean.html#getMappedPropertyDescriptors-java.lang.Class-) This method should not be exposed |
| * [org.apache.commons.beanutils.PropertyUtils.getMappedPropertyDescriptors(Class<?>)](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#getMappedPropertyDescriptors-java.lang.Class-) This method should not be exposed |
| * [org.apache.commons.beanutils.PropertyUtilsBean.getMappedPropertyDescriptors(Object)](http://docs.google.com/org/apache/commons/beanutils/PropertyUtilsBean.html#getMappedPropertyDescriptors-java.lang.Object-) This method should not be exposed |
| * [org.apache.commons.beanutils.PropertyUtils.getMappedPropertyDescriptors(Object)](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#getMappedPropertyDescriptors-java.lang.Object-) This method should not be exposed |
| * [org.apache.commons.beanutils.locale.LocaleConvertUtilsBean.lookup(Locale)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConvertUtilsBean.html#lookup-java.util.Locale-) This method will be modified to return a Map in the next release. |
| * [org.apache.commons.beanutils.locale.LocaleConvertUtils.lookup(Locale)](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConvertUtils.html#lookup-java.util.Locale-) This method will be modified to return a Map in the next release. |
| * [org.apache.commons.beanutils.PropertyUtils.setDebug(int)](http://docs.google.com/org/apache/commons/beanutils/PropertyUtils.html#setDebug-int-) The debug static property is no longer used |
| * [org.apache.commons.beanutils.BeanUtils.setDebug(int)](http://docs.google.com/org/apache/commons/beanutils/BeanUtils.html#setDebug-int-) BeanUtils now uses commons-logging for all log messages. Use your favorite logging tool to configure logging for this class. |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultBoolean(boolean)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultBoolean-boolean-) Register replacement converters for Boolean.TYPE and Boolean.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultBoolean(boolean)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultBoolean-boolean-) Register replacement converters for Boolean.TYPE and Boolean.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultByte(byte)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultByte-byte-) Register replacement converters for Byte.TYPE and Byte.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultByte(byte)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultByte-byte-) Register replacement converters for Byte.TYPE and Byte.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultCharacter(char)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultCharacter-char-) Register replacement converters for Character.TYPE and Character.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultCharacter(char)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultCharacter-char-) Register replacement converters for Character.TYPE and Character.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultDouble(double)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultDouble-double-) Register replacement converters for Double.TYPE and Double.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultDouble(double)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultDouble-double-) Register replacement converters for Double.TYPE and Double.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultFloat(float)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultFloat-float-) Register replacement converters for Float.TYPE and Float.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultFloat(float)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultFloat-float-) Register replacement converters for Float.TYPE and Float.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultInteger(int)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultInteger-int-) Register replacement converters for Integer.TYPE and Integer.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultInteger(int)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultInteger-int-) Register replacement converters for Integer.TYPE and Integer.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultLong(long)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultLong-long-) Register replacement converters for Long.TYPE and Long.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultLong(long)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultLong-long-) Register replacement converters for Long.TYPE and Long.class instead |
| * [org.apache.commons.beanutils.ConvertUtilsBean.setDefaultShort(short)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtilsBean.html#setDefaultShort-short-) Register replacement converters for Short.TYPE and Short.class instead |
| * [org.apache.commons.beanutils.ConvertUtils.setDefaultShort(short)](http://docs.google.com/org/apache/commons/beanutils/ConvertUtils.html#setDefaultShort-short-) Register replacement converters for Short.TYPE and Short.class instead |

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