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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/Converter.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/ConversionException.html)
* [Next Class](http://docs.google.com/org/apache/commons/beanutils/ConvertingWrapDynaBean.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/beanutils/Converter.html)
* [No Frames](http://docs.google.com/Converter.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* Constr |
* [Method](#3znysh7)
* Detail:
* Field |
* Constr |
* [Method](#2et92p0)

org.apache.commons.beanutils

## Interface Converter

* All Known Subinterfaces: [LocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/LocaleConverter.html) All Known Implementing Classes: [AbstractArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractArrayConverter.html), [AbstractConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html), [ArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ArrayConverter.html), [BaseLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/BaseLocaleConverter.html), [BigDecimalConverter](http://docs.google.com/org/apache/commons/beanutils/converters/BigDecimalConverter.html), [BigDecimalLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/BigDecimalLocaleConverter.html), [BigIntegerConverter](http://docs.google.com/org/apache/commons/beanutils/converters/BigIntegerConverter.html), [BigIntegerLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/BigIntegerLocaleConverter.html), [BooleanArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/BooleanArrayConverter.html), [BooleanConverter](http://docs.google.com/org/apache/commons/beanutils/converters/BooleanConverter.html), [ByteArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ByteArrayConverter.html), [ByteConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ByteConverter.html), [ByteLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/ByteLocaleConverter.html), [CalendarConverter](http://docs.google.com/org/apache/commons/beanutils/converters/CalendarConverter.html), [CharacterArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/CharacterArrayConverter.html), [CharacterConverter](http://docs.google.com/org/apache/commons/beanutils/converters/CharacterConverter.html), [ClassConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ClassConverter.html), [ConverterFacade](http://docs.google.com/org/apache/commons/beanutils/converters/ConverterFacade.html), [DateConverter](http://docs.google.com/org/apache/commons/beanutils/converters/DateConverter.html), [DateLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/DateLocaleConverter.html), [DateTimeConverter](http://docs.google.com/org/apache/commons/beanutils/converters/DateTimeConverter.html), [DecimalLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/DecimalLocaleConverter.html), [DoubleArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/DoubleArrayConverter.html), [DoubleConverter](http://docs.google.com/org/apache/commons/beanutils/converters/DoubleConverter.html), [DoubleLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/DoubleLocaleConverter.html), [FileConverter](http://docs.google.com/org/apache/commons/beanutils/converters/FileConverter.html), [FloatArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/FloatArrayConverter.html), [FloatConverter](http://docs.google.com/org/apache/commons/beanutils/converters/FloatConverter.html), [FloatLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/FloatLocaleConverter.html), [IntegerArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/IntegerArrayConverter.html), [IntegerConverter](http://docs.google.com/org/apache/commons/beanutils/converters/IntegerConverter.html), [IntegerLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/IntegerLocaleConverter.html), [LongArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/LongArrayConverter.html), [LongConverter](http://docs.google.com/org/apache/commons/beanutils/converters/LongConverter.html), [LongLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/LongLocaleConverter.html), [NumberConverter](http://docs.google.com/org/apache/commons/beanutils/converters/NumberConverter.html), [ShortArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ShortArrayConverter.html), [ShortConverter](http://docs.google.com/org/apache/commons/beanutils/converters/ShortConverter.html), [ShortLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/ShortLocaleConverter.html), [SqlDateConverter](http://docs.google.com/org/apache/commons/beanutils/converters/SqlDateConverter.html), [SqlDateLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/SqlDateLocaleConverter.html), [SqlTimeConverter](http://docs.google.com/org/apache/commons/beanutils/converters/SqlTimeConverter.html), [SqlTimeLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/SqlTimeLocaleConverter.html), [SqlTimestampConverter](http://docs.google.com/org/apache/commons/beanutils/converters/SqlTimestampConverter.html), [SqlTimestampLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/SqlTimestampLocaleConverter.html), [StringArrayConverter](http://docs.google.com/org/apache/commons/beanutils/converters/StringArrayConverter.html), [StringConverter](http://docs.google.com/org/apache/commons/beanutils/converters/StringConverter.html), [StringLocaleConverter](http://docs.google.com/org/apache/commons/beanutils/locale/converters/StringLocaleConverter.html), [URLConverter](http://docs.google.com/org/apache/commons/beanutils/converters/URLConverter.html)  
    
  public interface Converter  
  General purpose data type converter that can be registered and used within the BeanUtils package to manage the conversion of objects from one type to another.  
  Converter subclasses bundled with the BeanUtils library are required to be thread-safe, as users of the library may call conversion methods from more than one thread simultaneously.  
  Custom converter subclasses created by users of the library can be non-thread-safe if the application using them is single-threaded. However it is recommended that they be written in a thread-safe manner anyway.Since: 1.3 Version: $Id$

### Method SummaryAll Methods Instance Methods Abstract Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + <T> T | * + [convert](http://docs.google.com/org/apache/commons/beanutils/Converter.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 input object into an output object of the specified type. |

### Method Detail

#### convert <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 input object into an output object of the specified type.Type Parameters: T - the desired result type Parameters: type - Data type to which this value should be converted value - The input value 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

[Skip navigation links](#4d34og8)

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* [Use](http://docs.google.com/class-use/Converter.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)
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* [Frames](http://docs.google.com/index.html?org/apache/commons/beanutils/Converter.html)
* [No Frames](http://docs.google.com/Converter.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* Constr |
* [Method](#3znysh7)
* Detail:
* Field |
* Constr |
* [Method](#2et92p0)

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