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org.apache.commons.beanutils.converters

## Class StringConverter

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [org.apache.commons.beanutils.converters.AbstractConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html)
    - org.apache.commons.beanutils.converters.StringConverter
* All Implemented Interfaces: [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html)  
    
  public final class StringConverter  
  extends [AbstractConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html)  
  [Converter](http://docs.google.com/org/apache/commons/beanutils/Converter.html) implementation that converts an incoming object into a java.lang.String object.  
  Note that ConvertUtils really is designed to do string->object conversions, and offers very little support for object->string conversions. The ConvertUtils/ConvertUtilsBean methods only select a converter to apply based upon the target type being converted to, and generally assume that the input is a string (by calling its toString method if needed).  
  This class is therefore just a dummy converter that converts its input into a string by calling the input object's toString method and returning that value.  
  It is possible to replace this converter with something that has a big if/else statement that selects behaviour based on the real type of the object being converted (or possibly has a map of converters, and looks them up based on the class of the input object). However this is not part of the existing ConvertUtils framework.Since: 1.3 Version: $Id$

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [StringConverter](http://docs.google.com/org/apache/commons/beanutils/converters/StringConverter.html#StringConverter--)() Construct a **java.lang.String** *Converter* that throws a ConversionException if an error occurs. |
| * + [StringConverter](http://docs.google.com/org/apache/commons/beanutils/converters/StringConverter.html#StringConverter-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) defaultValue) Construct a **java.lang.String** *Converter* that returns a default value if an error occurs. |

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + protected <T> T | * + [convertToType](http://docs.google.com/org/apache/commons/beanutils/converters/StringConverter.html#convertToType-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. |
| * + protected [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> | * + [getDefaultType](http://docs.google.com/org/apache/commons/beanutils/converters/StringConverter.html#getDefaultType--)() Return the default type this Converter handles. |

### Methods inherited from class org.apache.commons.beanutils.converters.[**AbstractConverter**](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html)[conversionException](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#conversionException-java.lang.Class-java.lang.Object-), [convert](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#convert-java.lang.Class-java.lang.Object-), [convertArray](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#convertArray-java.lang.Object-), [convertToString](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#convertToString-java.lang.Object-), [getDefault](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#getDefault-java.lang.Class-), [handleError](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#handleError-java.lang.Class-java.lang.Object-java.lang.Throwable-), [handleMissing](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#handleMissing-java.lang.Class-), [isUseDefault](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#isUseDefault--), [setDefaultValue](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#setDefaultValue-java.lang.Object-), [toString](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#toString--)

### 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--), [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

#### StringConverter public StringConverter() Construct a **java.lang.String** *Converter* that throws a ConversionException if an error occurs.

#### StringConverter public StringConverter([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) defaultValue) Construct a **java.lang.String** *Converter* that returns a default value if an error occurs.Parameters: defaultValue - The default value to be returned if the value to be converted is missing or an error occurs converting the value.

### Method Detail

#### getDefaultType protected [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> getDefaultType() Return the default type this Converter handles.Specified by: [getDefaultType](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#getDefaultType--) in class [AbstractConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html) Returns: The default type this Converter handles. Since: 1.8.0

#### convertToType protected <T> T convertToType([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) throws [Throwable](https://docs.oracle.com/javase/7/docs/api/java/lang/Throwable.html?is-external=true) Convert the specified input object into an output object of the specified type.Specified by: [convertToType](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html#convertToType-java.lang.Class-java.lang.Object-) in class [AbstractConverter](http://docs.google.com/org/apache/commons/beanutils/converters/AbstractConverter.html) Type Parameters: T - Target type of the conversion. Parameters: type - Data type to which this value should be converted. value - The input value to be converted. Returns: The converted value. Throws: [Throwable](https://docs.oracle.com/javase/7/docs/api/java/lang/Throwable.html?is-external=true) - if an error occurs converting to the specified type Since: 1.8.0

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