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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/ClosureTransformer.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/collections4/functors/CloneTransformer.html)
* [Next Class](http://docs.google.com/org/apache/commons/collections4/functors/ComparatorPredicate.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/functors/ClosureTransformer.html)
* [No Frames](http://docs.google.com/ClosureTransformer.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* [Constr](#3znysh7) |
* [Method](#2et92p0)
* Detail:
* Field |
* [Constr](#3dy6vkm) |
* [Method](#4d34og8)

org.apache.commons.collections4.functors

## Class ClosureTransformer<T>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.collections4.functors.ClosureTransformer<T>
* All Implemented Interfaces: [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<T,T>  
    
  public class ClosureTransformer<T>  
  extends [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)  
  implements [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<T,T>, [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true)  
  Transformer implementation that calls a Closure using the input object and then returns the input.Since: 3.0 See Also: [Serialized Form](http://docs.google.com/serialized-form.html#org.apache.commons.collections4.functors.ClosureTransformer)

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [ClosureTransformer](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html#ClosureTransformer-org.apache.commons.collections4.Closure-)([Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html)> closure) Constructor that performs no validation. |

### Method SummaryAll Methods Static Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <T> [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<T,T> | * + [closureTransformer](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html#closureTransformer-org.apache.commons.collections4.Closure-)([Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super T> closure) Factory method that performs validation. |
| * + [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html)> | * + [getClosure](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html#getClosure--)() Gets the closure. |
| * + [T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html) | * + [transform](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html#transform-T-)([T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html) input) Transforms the input to result by executing a closure. |

### 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

#### ClosureTransformer public ClosureTransformer([Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html)> closure) Constructor that performs no validation. Use closureTransformer if you want that.Parameters: closure - the closure to call, not null

### Method Detail

#### closureTransformer public static <T> [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<T,T> closureTransformer([Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super T> closure) Factory method that performs validation.Type Parameters: T - the type of the object to transform Parameters: closure - the closure to call, not null Returns: the closure transformer Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the closure is null

#### transform public [T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html) transform([T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html) input) Transforms the input to result by executing a closure.Specified by: [transform](http://docs.google.com/org/apache/commons/collections4/Transformer.html#transform-I-) in interface [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<[T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html),[T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html)> Parameters: input - the input object to transform Returns: the transformed result

#### getClosure public [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html)> getClosure() Gets the closure.Returns: the closure Since: 3.1

[Skip navigation links](#1ksv4uv)

* [Overview](http://docs.google.com/overview-summary.html)
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* Class
* [Use](http://docs.google.com/class-use/ClosureTransformer.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/collections4/functors/CloneTransformer.html)
* [Next Class](http://docs.google.com/org/apache/commons/collections4/functors/ComparatorPredicate.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/functors/ClosureTransformer.html)
* [No Frames](http://docs.google.com/ClosureTransformer.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* [Constr](#3znysh7) |
* [Method](#2et92p0)
* Detail:
* Field |
* [Constr](#3dy6vkm) |
* [Method](#4d34og8)

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