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org.apache.commons.collections4.functors

## Class FactoryTransformer<I,O>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.collections4.functors.FactoryTransformer<I,O>
* 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)<I,O>  
    
  public class FactoryTransformer<I,O>  
  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)<I,O>, [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true)  
  Transformer implementation that calls a Factory and returns the result.Since: 3.0 See Also: [Serialized Form](http://docs.google.com/serialized-form.html#org.apache.commons.collections4.functors.FactoryTransformer)

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [FactoryTransformer](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html#FactoryTransformer-org.apache.commons.collections4.Factory-)([Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<? extends [O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html)> factory) Constructor that performs no validation. |

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

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <I,O> [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O> | * + [factoryTransformer](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html#factoryTransformer-org.apache.commons.collections4.Factory-)([Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<? extends O> factory) Factory method that performs validation. |
| * + [Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<? extends [O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html)> | * + [getFactory](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html#getFactory--)() Gets the factory. |
| * + [O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html) | * + [transform](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html#transform-I-)([I](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html) input) Transforms the input by ignoring the input and returning the result of calling the decorated factory. |

### 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

#### FactoryTransformer public FactoryTransformer([Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<? extends [O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html)> factory) Constructor that performs no validation. Use factoryTransformer if you want that.Parameters: factory - the factory to call, not null

### Method Detail

#### factoryTransformer public static <I,O> [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O> factoryTransformer([Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<? extends O> factory) Factory method that performs validation.Type Parameters: I - the input type O - the output type Parameters: factory - the factory to call, not null Returns: the factory transformer Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the factory is null

#### transform public [O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html) transform([I](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html) input) Transforms the input by ignoring the input and returning the result of calling the decorated factory.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)<[I](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html),[O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html)> Parameters: input - the input object to transform Returns: the transformed result

#### getFactory public [Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<? extends [O](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html)> getFactory() Gets the factory.Returns: the factory Since: 3.1

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