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org.apache.commons.collections4.functors

## Class CloneTransformer<T>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.collections4.functors.CloneTransformer<T>
* All Implemented Interfaces: [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<T,T>  
    
  public class CloneTransformer<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>  
  Transformer implementation that returns a clone of the input object.  
  Clone is performed using PrototypeFactory.prototypeFactory(input).create().  
  **WARNING:** from v4.1 onwards this class will **not** be serializable anymore in order to prevent potential remote code execution exploits. Please refer to [COLLECTIONS-580](https://issues.apache.org/jira/browse/COLLECTIONS-580) for more details.Since: 3.0

### Field SummaryFields

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + static [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html) | * + [INSTANCE](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html#INSTANCE) Singleton predicate instance |

### 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> | * + [cloneTransformer](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html#cloneTransformer--)() Factory returning the singleton instance. |
| * + [T](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html) | * + [transform](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html#transform-T-)([T](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html) input) Transforms the input to result by cloning it. |

### 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-)

### Field Detail

#### INSTANCE public static final [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html) INSTANCE Singleton predicate instance

### Method Detail

#### cloneTransformer public static <T> [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<T,T> cloneTransformer() Factory returning the singleton instance.Type Parameters: T - the type of the objects to be cloned Returns: the singleton instance Since: 3.1

#### transform public [T](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html) transform([T](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html) input) Transforms the input to result by cloning it.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/CloneTransformer.html),[T](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html)> Parameters: input - the input object to transform Returns: the transformed result

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