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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/TransformerPredicate.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/TransformerClosure.html)
* [Next Class](http://docs.google.com/org/apache/commons/collections4/functors/TruePredicate.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/functors/TransformerPredicate.html)
* [No Frames](http://docs.google.com/TransformerPredicate.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 TransformerPredicate<T>

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

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [TransformerPredicate](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html#TransformerPredicate-org.apache.commons.collections4.Transformer-)([Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html),[Boolean](https://docs.oracle.com/javase/7/docs/api/java/lang/Boolean.html?is-external=true)> transformer) Constructor that performs no validation. |

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

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + boolean | * + [evaluate](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html#evaluate-T-)([T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html) object) Evaluates the predicate returning the result of the decorated transformer. |
| * + [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html),[Boolean](https://docs.oracle.com/javase/7/docs/api/java/lang/Boolean.html?is-external=true)> | * + [getTransformer](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html#getTransformer--)() Gets the transformer. |
| * + static <T> [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T> | * + [transformerPredicate](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html#transformerPredicate-org.apache.commons.collections4.Transformer-)([Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<? super T,[Boolean](https://docs.oracle.com/javase/7/docs/api/java/lang/Boolean.html?is-external=true)> transformer) Factory to create the predicate. |

### 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

#### TransformerPredicate public TransformerPredicate([Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html),[Boolean](https://docs.oracle.com/javase/7/docs/api/java/lang/Boolean.html?is-external=true)> transformer) Constructor that performs no validation. Use transformerPredicate if you want that.Parameters: transformer - the transformer to decorate

### Method Detail

#### transformerPredicate public static <T> [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T> transformerPredicate([Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<? super T,[Boolean](https://docs.oracle.com/javase/7/docs/api/java/lang/Boolean.html?is-external=true)> transformer) Factory to create the predicate.Type Parameters: T - the type that the predicate queries Parameters: transformer - the transformer to decorate Returns: the predicate Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the transformer is null

#### evaluate public boolean evaluate([T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html) object) Evaluates the predicate returning the result of the decorated transformer.Specified by: [evaluate](http://docs.google.com/org/apache/commons/collections4/Predicate.html#evaluate-T-) in interface [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<[T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html)> Parameters: object - the input object Returns: true if decorated transformer returns Boolean.TRUE Throws: [FunctorException](http://docs.google.com/org/apache/commons/collections4/FunctorException.html) - if the transformer returns an invalid type

#### getTransformer public [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html),[Boolean](https://docs.oracle.com/javase/7/docs/api/java/lang/Boolean.html?is-external=true)> getTransformer() Gets the transformer.Returns: the transformer Since: 3.1

[Skip navigation links](#1ksv4uv)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/TransformerPredicate.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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* [Next Class](http://docs.google.com/org/apache/commons/collections4/functors/TruePredicate.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/functors/TransformerPredicate.html)
* [No Frames](http://docs.google.com/TransformerPredicate.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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