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org.apache.commons.collections4.functors

## Class NotPredicate<T>

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

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [NotPredicate](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html#NotPredicate-org.apache.commons.collections4.Predicate-)([Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html)> predicate) 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/NotPredicate.html#evaluate-T-)([T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html) object) Evaluates the predicate returning the opposite to the stored predicate. |
| * + [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html)>[] | * + [getPredicates](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html#getPredicates--)() Gets the predicate being decorated. |
| * + static <T> [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T> | * + [notPredicate](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html#notPredicate-org.apache.commons.collections4.Predicate-)([Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<? super T> predicate) Factory to create the not 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

#### NotPredicate public NotPredicate([Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html)> predicate) Constructor that performs no validation. Use notPredicate if you want that.Parameters: predicate - the predicate to call after the null check

### Method Detail

#### notPredicate public static <T> [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T> notPredicate([Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<? super T> predicate) Factory to create the not predicate.Type Parameters: T - the type that the predicate queries Parameters: predicate - the predicate to decorate, not null Returns: the predicate Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the predicate is null

#### evaluate public boolean evaluate([T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html) object) Evaluates the predicate returning the opposite to the stored predicate.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/NotPredicate.html)> Parameters: object - the input object Returns: true if predicate returns false

#### getPredicates public [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<? super [T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html)>[] getPredicates() Gets the predicate being decorated.Specified by: [getPredicates](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html#getPredicates--) in interface [PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<[T](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html)> Returns: the predicate as the only element in an array Since: 3.1

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