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org.apache.commons.collections4.functors

## Class InstanceofPredicate

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.collections4.functors.InstanceofPredicate
* 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)<[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)>  
    
  public final class InstanceofPredicate  
  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)<[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)>, [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true)  
  Predicate implementation that returns true if the input is an instanceof the type stored in this predicate.Since: 3.0 See Also: [Serialized Form](http://docs.google.com/serialized-form.html#org.apache.commons.collections4.functors.InstanceofPredicate)

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [InstanceofPredicate](http://docs.google.com/org/apache/commons/collections4/functors/InstanceofPredicate.html#InstanceofPredicate-java.lang.Class-)([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type) 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/InstanceofPredicate.html#evaluate-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) object) Evaluates the predicate returning true if the input object is of the correct type. |
| * + [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> | * + [getType](http://docs.google.com/org/apache/commons/collections4/functors/InstanceofPredicate.html#getType--)() Gets the type to compare to. |
| * + static [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)> | * + [instanceOfPredicate](http://docs.google.com/org/apache/commons/collections4/functors/InstanceofPredicate.html#instanceOfPredicate-java.lang.Class-)([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type) Factory to create the identity 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

#### InstanceofPredicate public InstanceofPredicate([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type) Constructor that performs no validation. Use instanceOfPredicate if you want that.Parameters: type - the type to check for

### Method Detail

#### instanceOfPredicate public static [Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)> instanceOfPredicate([Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> type) Factory to create the identity predicate.Parameters: type - the type to check for, may not be null Returns: the predicate Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the class is null

#### evaluate public boolean evaluate([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) object) Evaluates the predicate returning true if the input object is of the correct type.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)<[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)> Parameters: object - the input object Returns: true if input is of stored type

#### getType public [Class](https://docs.oracle.com/javase/7/docs/api/java/lang/Class.html?is-external=true)<?> getType() Gets the type to compare to.Returns: the type Since: 3.1

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