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org.apache.commons.beanutils

## Class BeanPredicate

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.beanutils.BeanPredicate
* All Implemented Interfaces: org.apache.commons.collections.Predicate  
    
  public class BeanPredicate  
  extends [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)  
  implements org.apache.commons.collections.Predicate  
  Predicate implementation that applies the given Predicate to the result of calling the given property getter.Version: $Id$

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [BeanPredicate](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#BeanPredicate-java.lang.String-org.apache.commons.collections.Predicate-)([String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propertyName, org.apache.commons.collections.Predicate predicate) Constructs a BeanPredicate that applies the given Predicate to the named property value. |

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + boolean | * + [evaluate](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#evaluate-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) object) Evaluates the given object by applying the [getPredicate()](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#getPredicate--) to a property value named by [getPropertyName()](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#getPropertyName--). |
| * + org.apache.commons.collections.Predicate | * + [getPredicate](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#getPredicate--)() Gets the Predicate to be applied to the value of the named property during [evaluate(java.lang.Object)](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#evaluate-java.lang.Object-). |
| * + [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [getPropertyName](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#getPropertyName--)() Gets the name of the property whose value is to be predicated. |
| * + void | * + [setPredicate](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#setPredicate-org.apache.commons.collections.Predicate-)(org.apache.commons.collections.Predicate predicate) Sets the Predicate to be applied to the value of the named property during [evaluate(Object)](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#evaluate-java.lang.Object-). |
| * + void | * + [setPropertyName](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#setPropertyName-java.lang.String-)([String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propertyName) Sets the name of the property whose value is to be predicated. |

### 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

#### BeanPredicate public BeanPredicate([String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propertyName, org.apache.commons.collections.Predicate predicate) Constructs a BeanPredicate that applies the given Predicate to the named property value.Parameters: propertyName - the name of the property whose value is to be predicated, not null predicate - the Predicate to be applied, not null

### Method Detail

#### evaluate public boolean evaluate([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) object) Evaluates the given object by applying the [getPredicate()](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#getPredicate--) to a property value named by [getPropertyName()](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#getPropertyName--).Specified by: evaluate in interface org.apache.commons.collections.Predicate Parameters: object - The object being evaluated Returns: the result of the predicate evaluation Throws: [IllegalArgumentException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalArgumentException.html?is-external=true) - when the property cannot be evaluated

#### getPropertyName public [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) getPropertyName() Gets the name of the property whose value is to be predicated. in the evaluation.Returns: the property name, not null

#### setPropertyName public void setPropertyName([String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) propertyName) Sets the name of the property whose value is to be predicated.Parameters: propertyName - the name of the property whose value is to be predicated, not null

#### getPredicate public org.apache.commons.collections.Predicate getPredicate() Gets the Predicate to be applied to the value of the named property during [evaluate(java.lang.Object)](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#evaluate-java.lang.Object-).Returns: Predicate, not null

#### setPredicate public void setPredicate(org.apache.commons.collections.Predicate predicate) Sets the Predicate to be applied to the value of the named property during [evaluate(Object)](http://docs.google.com/org/apache/commons/beanutils/BeanPredicate.html#evaluate-java.lang.Object-).Parameters: predicate - Predicate, not null

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