**Interface Predicate<T>**

* **Type Parameters:**

T - the type of the input to the predicate

**Functional Interface:**

This is a functional interface and can therefore be used as the assignment target for a lambda expression or method reference.

[@FunctionalInterface](https://docs.oracle.com/javase/8/docs/api/java/lang/FunctionalInterface.html)

public interface **Predicate<T>**

Represents a predicate (boolean-valued function) of one argument.

This is a [functional interface](https://docs.oracle.com/javase/8/docs/api/java/util/function/package-summary.html) whose functional method is [test(Object)](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html#test-T-).

**Since:**

1.8

* + ***Method Summary***

|  |  |
| --- | --- |
| **All Methods**[**Static Methods**](javascript:show(1);)[**Instance Methods**](javascript:show(2);)[**Abstract Methods**](javascript:show(4);)[**Default Methods**](javascript:show(16);) | |
| **Modifier and Type** | **Method and Description** |
| default [**Predicate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)<[**T**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)> | [**and**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html#and-java.util.function.Predicate-)([**Predicate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)<? super [**T**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)> other)  Returns a composed predicate that represents a short-circuiting logical AND of this predicate and another. |
| static <T> [**Predicate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)<T> | [**isEqual**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html#isEqual-java.lang.Object-)([**Object**](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) targetRef)  Returns a predicate that tests if two arguments are equal according to [**Objects.equals(Object, Object)**](https://docs.oracle.com/javase/8/docs/api/java/util/Objects.html#equals-java.lang.Object-java.lang.Object-). |
| default [**Predicate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)<[**T**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)> | [**negate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html#negate--)()  Returns a predicate that represents the logical negation of this predicate. |
| default [**Predicate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)<[**T**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)> | [**or**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html#or-java.util.function.Predicate-)([**Predicate**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)<? super [**T**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html)> other)  Returns a composed predicate that represents a short-circuiting logical OR of this predicate and another. |
| boolean | [**test**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html#test-T-)([**T**](https://docs.oracle.com/javase/8/docs/api/java/util/function/Predicate.html) t)  Evaluates this predicate on the given argument. |