

JAVA.UTIL.COLLECTIONS.SINGLETON METHOD

http://www.tutorialspoint.com/java/util/collections_singleton.htm

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Description

The **singletonT** method is used to return an immutable set containing only the specified object.

Declaration

Following is the declaration for **java.util.Collections.singleton** method.

```
public static <T> Set<T> singleton(T o)
```

Parameters

- **o** -- This is the sole object to be stored in the returned set.

Return Value

The method call returns an immutable set containing only the specified object.

Exception

- **NA**

Example

The following example shows the usage of `java.util.Collections.singleton`

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String args[]) {
        // create an array of string objs
        String init[] = { "One", "Two", "Three", "One", "Two", "Three" };

        // create two lists
        List list1 = new ArrayList(Arrays.asList(init));
        List list2 = new ArrayList(Arrays.asList(init));

        // remove from list1
        list1.remove("One");
        System.out.println("List1 value: "+list1);

        // remove from list2 using singleton
        list2.removeAll(Collections.singleton("One"));
        System.out.println("The SingletonList is :"+list2);
    }
}
```

Let us compile and run the above program, this will produce the following result.

```
List1 value: [Two, Three, One, Two, Three]
The SingletonList is :[Two, Three, Two, Three]
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```