

JAVA.UTIL.COLLECTIONS.SYNCHRONIZEDSET METHOD

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

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Description

The **synchronizedSet** method is used to return a synchronized *thread – safe* sorted set backed by the specified sorted set.

Declaration

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

```
public static <T> Set<T> synchronizedSet(Set<T> s)
```

Parameters

- **s** -- This is the set to be "wrapped" in a synchronized set.

Return Value

- The method call returns a synchronized view of the specified set.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] args) {
        // create set
        Set<String> set = new HashSet<String>();

        // populate the set
        set.add("TP");
        set.add("IS");
        set.add("FOR");
        set.add("TECHIES");

        // create a synchronized set
        Set<String> synset = Collections.synchronizedSet(set);

        System.out.println("Synchronized set is :"+synset);
    }
}
```

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

```
Synchronized set is :[FOR, IS, TECHIES, TP]
```

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