

JAVA.UTIL.COLLECTIONS.SYNCHRONIZEDSORTEDMAP METHOD

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

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Description

The **synchronizedSortedMap** method is used to returns a synchronized *thread – safe* sorted map backed by the specified sorted map.

Declaration

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

```
public static <K,V> SortedMap<K,V> synchronizedSortedMap(SortedMap<K,V> m)
```

Parameters

- **m** -- This is the sorted map to be "wrapped" in a synchronized sorted map.

Return Value

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

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] args) {
        // create map
        SortedMap<String,String> map = new TreeMap<String, String> ();

        // populate the map
        map.put("1","TP");
        map.put("2","IS");
        map.put("3","BEST");

        // create a sorted map
        SortedMap sortedmap = (SortedMap)Collections.synchronizedSortedMap(map);

        System.out.println("Synchronized sorted map is :"+sortedmap);
    }
}
```

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

```
Synchronized sorted map is :{1=TP, 2=IS, 3=BEST}
```

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