

JAVA.UTIL.COLLECTIONS.SYNCHRONIZEDMAP METHOD

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

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Description

The **synchronizedMap** method is used to return a synchronized *thread – safe* map backed by the specified map.

Declaration

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

```
public static <K,V> Map<K,V> synchronizedMap(Map<K,V> m)
```

Parameters

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

Return Value

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

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

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

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

        // create a synchronized map
        Map<String,String> synmap = Collections.synchronizedMap(map);

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

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

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

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