

JAVA.UTIL.COLLECTIONS.SYNCHRONIZEDCOLLECTION METHOD

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

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Description

The **synchronizedCollection***Collection* $< T >$ method is used to get a synchronized *thread – safe* collection backed by the specified collection.

Declaration

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

```
public static <T> Collection<T> synchronizedCollection(Collection<T> c)
```

Parameters

- **c** -- The collection to be "wrapped" in a synchronized collection.

Return Value

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

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

public class CollectionsDemo {
    public static void main(String[] args) {
        // create vector object
        Vector<String> vector = new Vector<String>();

        // populate the vector
        vector.add("1");
        vector.add("2");
        vector.add("3");
        vector.add("4");
        vector.add("5");

        // create a synchronized view
        Collection<String> c = Collections.synchronizedCollection(vector);

        System.out.println("Synchronized view is :"+c);
    }
}
```

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

```
Synchronized view is :[1, 2, 3, 4, 5]
```

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