

JAVA.UTIL.COLLECTIONS.SYNCHRONIZEDLIST METHOD

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

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Description

The **synchronizedList** `List < T >` method is used to return a synchronized *thread – safe* list backed by the specified list.

Declaration

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

```
public static <T> List<T> synchronizedList(List<T> list)
```

Parameters

- **list** -- The list to be "wrapped" in a synchronized list.

Return Value

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

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.util.*;

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

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

        // create a synchronized list
        List<String> synlist = Collections.synchronizedList(list);

        System.out.println("Synchronized list is :"+synlist);
    }
}
```

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

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

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