

JAVA.UTIL.COLLECTIONS.CHECKEDSORTEDMAP METHOD

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

Copyright © tutorialspoint.com

Description

The **checkedSortedMap** `SortedMap < , V > , Class < K > , Class < V >` method is used to get a dynamically typesafe view of the specified sorted map.

Declaration

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

```
public static <K,V> SortedMap<K,V> checkedSortedMap(SortedMap<K,V> m, Class<K>
keyType, Class<V> valueType)
```

Parameters

- **m** -- This is the map for which a dynamically typesafe view is to be returned.
- **keyType** -- This is the type of key that m is permitted to hold.
- **valueType** -- This is the type of value that m is permitted to hold.

Return Value

The method call returns a dynamically typesafe view of the specified map.

Exception

- **NA**

Example

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

```
package com.tutorialspoint;

import java.util.*;

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

        // populate the map
        smap.put("1", "Only");
        smap.put("2", "tutorials");
        smap.put("3", "point");

        // get typesafe view of the sorted map
        SortedMap tsmap;

        tsmap = Collections.checkedSortedMap(smap, String.class, String.class);

        System.out.println("Typesafe view of the sorted map: "+tsmap);
    }
}
```

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

```
Typesafe view of the sorted map: {1=Only, 2=tutorials, 3=point}
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js