

JAVA.UTIL.COLLECTIONS.CHECKEDMAP METHOD

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

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Description

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

Declaration

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

```
public static <K,V> Map<K,V> checkedMap(Map<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.checkedMap`

```
package com.tutorialspoint;

import java.util.*;

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

        // populate the map
        hmap.put("1", "Always");
        hmap.put("2", "follow");
        hmap.put("3", "tutorials");
        hmap.put("4", "point");

        // get typesafe view of the map
        Map<String,String> tsmap;
        tsmap = Collections.checkedMap(hmap, String.class, String.class);

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

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

```
Dynamically typesafe view of the map: {3=tutorials, 2=follow, 1=Always, 4=point}
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```