

JAVA.UTIL.TREEMAP.PUTALL METHOD

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

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Description

The **putAll** `Map < ? extends K, ? extends V > map` method is used to copy all of the mappings from the specified map to this map. These mappings replace any mappings that this map had for any of the keys currently in the specified map.

Declaration

Following is the declaration for **java.util.TreeMap.putAll** method.

```
public void putAll(Map<? extends K, ? extends V> map)
```

Parameters

- **map** -- This is the mappings to be stored in this map.

Return Value

- **NA**

Exception

- **ClassCastException** -- This exception is thrown if the class of a key or value in the specified map prevents it from being stored in this map.
- **NullPointerException** -- This exception is thrown if the specified map is null or the specified map contains a null key and this map does not permit null keys.

Example

The following example shows the usage of `java.util.TreeMap.putAll`

```
package com.tutorialspoint;

import java.util.*;

public class TreeMapDemo {
    public static void main(String[] args) {
        // creating tree maps
        TreeMap<Integer, String> treemap = new TreeMap<Integer, String>();
        TreeMap<Integer, String> treemap_putall = new TreeMap<Integer, String>();

        // populating tree map
        treemap.put(2, "two");
        treemap.put(1, "one");
        treemap.put(3, "three");
        treemap.put(6, "six");
        treemap.put(5, "five");

        treemap_putall.put(1, "111");
        treemap_putall.put(2, "222");
        treemap_putall.put(7, "777");

        System.out.println("Value before modification: "+ treemap);

        // Putting 2nd map in 1st map
        treemap.putAll(treemap_putall);

        System.out.println("Value after modification: "+ treemap);
    }
}
```

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

```
Value before modification: {1=one, 2=two, 3=three, 5=five, 6=six}  
Value after modification: {1=111, 2=222, 3=three, 5=five, 6=six, 7=777}  
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```