

JAVA.UTIL.WEAKHASHMAP.PUTALL METHOD

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

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Description

The **putAll** `Map < ? extends K, ? extends V > m` method is used to copy all of the mappings from the specified map to this map. These mappings will 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.WeakHashMap.putAll** method.

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

Parameters

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

Return Value

- **NA**

Exception

- **NullPointerException** -- This exception is thrown if the specified map is null.

Example

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

```
package com.tutorialspoint;

import java.util.Map;
import java.util.WeakHashMap;

public class WeakHashMapDemo {
    public static void main(String[] args) {
        Map<String, String> weakHashMapOne = new WeakHashMap<String, String>();
        Map<String, String> weakHashMapTwo = new WeakHashMap<String, String>();

        // put keys and values in the Map
        System.out.println("Populating two Maps");

        weakHashMapOne.put("1", "first");
        weakHashMapOne.put("2", "two");
        weakHashMapOne.put("3", "three");

        weakHashMapTwo.put("1", "1st");
        weakHashMapTwo.put("2", "2nd");
        weakHashMapTwo.put("3", "3rd");

        // checking Map
        System.out.println("Before - Map 1: "+weakHashMapOne);
        System.out.println("Before - Map 2: "+weakHashMapTwo);

        // putting map 2 into map1
        weakHashMapOne.putAll(weakHashMapTwo);

        System.out.println("After - Map 1: "+weakHashMapOne);
        System.out.println("After - Map 2: "+weakHashMapTwo);
    }
}
```

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

```
Putting values into the Map
Before - Map 1: {1=first, 2=two, 3=three}
Before - Map 2: {1=1st, 2=2nd, 3=3rd}
After  - Map 1: {1=1st, 2=2nd, 3=3rd}
After  - Map 2: {1=1st, 2=2nd, 3=3rd}
```

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