

JAVA.UTIL.HASHTABLE.PUT METHOD

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

Copyright © tutorialspoint.com

Description

The **put***Kkey, Vvalue* method is used to map the specified key to the specified value in this hashtable.

Declaration

Following is the declaration for **java.util.Hashtable.put** method.

```
public V put(K key, V value)
```

Parameters

- **key** -- This is the hashtable key.
- **value** -- This is the value.

Return Value

The method call returns the previous value of the specified key in this hashtable, or null if it did not have one.

Exception

- **NullPointerException** -- This is thrown if the key or value is null.

Example

The following example shows the usage of java.util.Hashtable.put

```
package com.tutorialspoint;

import java.util.*;

public class HashTableDemo {
    public static void main(String args[]) {
        // create hash table
        Hashtable htable1 = new Hashtable();

        // put values in table
        htable1.put(1, "A");
        htable1.put(2, "B");
        htable1.put(3, "C");
        htable1.put(4, "D");

        System.out.println("Initial hash table value: "+htable1);

        // put value at key 4
        String returnval=(String)htable1.put(4, "TP");

        System.out.println("Return value: "+returnval);

        System.out.println("New hash table value: "+htable1);
    }
}
```

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

```
Initial hash table value: {4=D, 3=C, 2=B, 1=A}
Return value: D
```

New hash table value: {4=TP, 3=C, 2=B, 1=A}

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