

JAVA.UTIL.LINKEDHASHMAP CLASS

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

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Introduction

The **java.util.LinkedHashMap** class is Hash table and Linked list implementation of the Map interface, with predictable iteration order. Following are the important points about LinkedHashMap:

- The class provides all of the optional Map operations, and permits null elements.
- The Iteration over a HashMap is likely to be more expensive.

Class declaration

Following is the declaration for **java.util.LinkedHashMap** class:

```
public class LinkedHashMap<K, V>  
    extends HashMap<K, V>  
    implements Map<K, V>
```

Parameters

Following is the parameter for **java.util.LinkedHashMap** class:

- **K** -- This is the type of keys maintained by this map.
- **V** -- This is the the type of mapped values.

Class constructors

S.N.	Constructor & Description
1	LinkedHashMap This constructs an empty insertion-ordered LinkedHashMap instance with the default initial capacity 16 and load factor 0.75.
2	LinkedHashMap(intinitialCapacity) This constructs an empty insertion-ordered LinkedHashMap instance with the specified initial capacity and a default load factor 0.75.
3	LinkedHashMap(intinitialCapacity, floatloadFactor) This constructs an empty insertion-ordered LinkedHashMap instance with the specified initial capacity and load factor.
4	LinkedHashMap(intinitialCapacity, floatloadFactor, booleanaccessOrder) This constructs an empty LinkedHashMap instance with the specified initial capacity, load factor and ordering mode.
5	LinkedHashMapMap < ? extendsK, ? extendsV > m

This constructs an insertion-ordered LinkedHashMap instance with the same mappings as the specified map.

Class methods

S.N.	Method & Description
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1

[void clear](#)

This method removes all of the mappings from this map.

2

[boolean containsValueObjectvalue](#)

This method returns true if this map maps one or more keys to the specified value.

3

[V getObjectkey](#)

This method returns the value to which the specified key is mapped, or null if this map contains no mapping for the key.

4

[protected boolean removeEldestEntryMap. Entry < K, V > eldest](#)

This method returns true if this map should remove its eldest entry.

Methods inherited

This class inherits methods from the following classes:

- java.util.HashMap
- java.util.AbstarctMap
- java.util.Object
- java.util.Man

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