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org.apache.commons.collections4.map

## Class AbstractLinkedMap.LinkEntry<K,V>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [org.apache.commons.collections4.map.AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<K,V>
    - org.apache.commons.collections4.map.AbstractLinkedMap.LinkEntry<K,V>
* All Implemented Interfaces: [Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<K,V>, [KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V> Enclosing class: [AbstractLinkedMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)>  
    
  protected static class AbstractLinkedMap.LinkEntry<K,V>  
  extends [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<K,V>  
  LinkEntry that stores the data.  
  If you subclass AbstractLinkedMap but not LinkEntry then you will not be able to access the protected fields. The entryXxx() methods on AbstractLinkedMap exist to provide the necessary access.

### Field SummaryFields

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + protected [AbstractLinkedMap.LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)> | * + [after](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html#after) The entry after this one in the order |
| * + protected [AbstractLinkedMap.LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)> | * + [before](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html#before) The entry before this one in the order |

### Fields inherited from class org.apache.commons.collections4.map.[**AbstractHashedMap.HashEntry**](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)[hashCode](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#hashCode), [key](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#key), [next](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#next), [value](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#value)

### Constructor SummaryConstructors

|  |  |
| --- | --- |
| * + Modifier | * + Constructor and Description |
| * + protected | * + [LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html#LinkEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-java.lang.Object-V-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)> next, int hashCode, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html) value) Constructs a new entry. |

### Method Summary

### Methods inherited from class org.apache.commons.collections4.map.[**AbstractHashedMap.HashEntry**](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)[equals](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#equals-java.lang.Object-), [getKey](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#getKey--), [getValue](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#getValue--), [hashCode](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#hashCode--), [setValue](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#setValue-V-), [toString](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#toString--)

### Methods inherited from class java.lang.[**Object**](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)[clone](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#clone--), [finalize](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#finalize--), [getClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#getClass--), [notify](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notify--), [notifyAll](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notifyAll--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-int-)

### Methods inherited from interface java.util.[**Map.Entry**](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)[comparingByKey](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#comparingByKey--), [comparingByKey](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#comparingByKey-java.util.Comparator-), [comparingByValue](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#comparingByValue--), [comparingByValue](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#comparingByValue-java.util.Comparator-)

### Field Detail

#### before protected [AbstractLinkedMap.LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)> before The entry before this one in the order

#### after protected [AbstractLinkedMap.LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)> after The entry after this one in the order

### Constructor Detail

#### LinkEntry protected LinkEntry([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)> next, int hashCode, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html) value) Constructs a new entry.Parameters: next - the next entry in the hash bucket sequence hashCode - the hash code key - the key value - the value

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