JavaScript is disabled on your browser.

[Skip navigation links](#1fob9te)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)
* Use
* [Tree](http://docs.google.com/overview-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/map/class-use/AbstractHashedMap.HashEntry.html)
* [No Frames](http://docs.google.com/AbstractHashedMap.HashEntry.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

Uses of Class

org.apache.commons.collections4.map.AbstractHashedMap.HashEntry

* Packages that use [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)

|  |  |
| --- | --- |
| * Package | * Description |
| * [org.apache.commons.collections4.map](#3znysh7) | * This package contains implementations of the [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true), [IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html), [OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html) and [SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true) interfaces. |

### Uses of [**AbstractHashedMap.HashEntry**](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html) in [**org.apache.commons.collections4.map**](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html)Subclasses of [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html) in [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + protected static class | * + [AbstractLinkedMap.LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)<K,V> LinkEntry that stores the data. |
| * + protected static class | * + [AbstractReferenceMap.ReferenceEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html)<K,V> A MapEntry implementation for the map. |

* + Fields in [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html) declared as [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)> | * + AbstractHashedMap.HashEntry.[next](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#next) The next entry in the hash chain |

* + Methods in [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html) that return [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> | * + AbstractHashedMap.[createEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#createEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-K-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/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> next, int hashCode, [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) value) Creates an entry to store the key-value data. |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html)> | * + AbstractHashedMap.HashIterator.[currentEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html#currentEntry--)() |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> | * + AbstractHashedMap.[entryNext](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#entryNext-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry) Gets the next field from a HashEntry. |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> | * + AbstractHashedMap.[getEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#getEntry-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key) Gets the entry mapped to the key specified. |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)> | * + AbstractReferenceMap.[getEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html#getEntry-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key) Gets the entry mapped to the key specified. |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html)> | * + AbstractHashedMap.HashIterator.[nextEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html#nextEntry--)() |

* + Methods in [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html) with parameters of type [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + protected void | * + AbstractHashedMap.[addEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#addEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, int hashIndex) Adds an entry into this map. |
| * + protected void | * + AbstractLinkedMap.[addEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html#addEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-)([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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> entry, int hashIndex) Adds an entry into this map, maintaining insertion order. |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> | * + AbstractHashedMap.[createEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#createEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-K-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/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> next, int hashCode, [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) value) Creates an entry to store the key-value data. |
| * + 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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> | * + AbstractLinkedMap.[createEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html#createEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-K-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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> next, int hashCode, [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html) value) Creates an entry to store the data. |
| * + protected [AbstractReferenceMap.ReferenceEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)> | * + AbstractReferenceMap.[createEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html#createEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-K-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/AbstractReferenceMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)> next, int hashCode, [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html) value) Creates a ReferenceEntry instead of a HashEntry. |
| * + protected void | * + AbstractHashedMap.[destroyEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#destroyEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry) Kills an entry ready for the garbage collector. |
| * + protected int | * + AbstractHashedMap.[entryHashCode](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#entryHashCode-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry) Gets the hashCode field from a HashEntry. |
| * + protected [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) | * + AbstractHashedMap.[entryKey](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#entryKey-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry) Gets the key field from a HashEntry. |
| * + protected [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> | * + AbstractHashedMap.[entryNext](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#entryNext-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry) Gets the next field from a HashEntry. |
| * + protected [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) | * + AbstractHashedMap.[entryValue](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#entryValue-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry) Gets the value field from a HashEntry. |
| * + protected boolean | * + MultiKeyMap.[isEqualKey](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html#isEqualKey-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-java.lang.Object-java.lang.Object-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[MultiKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/MultiKey.html)<? extends [K](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)>,[V](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)> entry, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key1, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key2) Is the key equal to the combined key. |
| * + protected boolean | * + MultiKeyMap.[isEqualKey](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html#isEqualKey-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-java.lang.Object-java.lang.Object-java.lang.Object-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[MultiKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/MultiKey.html)<? extends [K](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)>,[V](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)> entry, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key1, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key2, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key3) Is the key equal to the combined key. |
| * + protected boolean | * + MultiKeyMap.[isEqualKey](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html#isEqualKey-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-java.lang.Object-java.lang.Object-java.lang.Object-java.lang.Object-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[MultiKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/MultiKey.html)<? extends [K](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)>,[V](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)> entry, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key1, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key2, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key3, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key4) Is the key equal to the combined key. |
| * + protected boolean | * + MultiKeyMap.[isEqualKey](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html#isEqualKey-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-java.lang.Object-java.lang.Object-java.lang.Object-java.lang.Object-java.lang.Object-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[MultiKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/MultiKey.html)<? extends [K](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)>,[V](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)> entry, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key1, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key2, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key3, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key4, [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) key5) Is the key equal to the combined key. |
| * + protected void | * + AbstractHashedMap.[removeEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#removeEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, int hashIndex, [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> previous) Removes an entry from the chain stored in a particular index. |
| * + protected void | * + AbstractHashedMap.[removeEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#removeEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, int hashIndex, [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> previous) Removes an entry from the chain stored in a particular index. |
| * + protected void | * + AbstractLinkedMap.[removeEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html#removeEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> entry, int hashIndex, [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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> previous) Removes an entry from the map and the linked list. |
| * + protected void | * + AbstractLinkedMap.[removeEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html#removeEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> entry, int hashIndex, [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.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)> previous) Removes an entry from the map and the linked list. |
| * + protected void | * + AbstractHashedMap.[removeMapping](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#removeMapping-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, int hashIndex, [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> previous) Removes a mapping from the map. |
| * + protected void | * + AbstractHashedMap.[removeMapping](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#removeMapping-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-)([AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, int hashIndex, [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> previous) Removes a mapping from the map. |
| * + protected void | * + AbstractHashedMap.[reuseEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#reuseEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-int-K-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/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, int hashIndex, int hashCode, [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) value) Reuses an existing key-value mapping, storing completely new data. |
| * + protected void | * + AbstractHashedMap.[updateEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html#updateEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-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/AbstractHashedMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)> entry, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html) newValue) Updates an existing key-value mapping to change the value. |
| * + protected void | * + LRUMap.[updateEntry](http://docs.google.com/org/apache/commons/collections4/map/LRUMap.html#updateEntry-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-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/LRUMap.html),[V](http://docs.google.com/org/apache/commons/collections4/map/LRUMap.html)> entry, [V](http://docs.google.com/org/apache/commons/collections4/map/LRUMap.html) newValue) Updates an existing key-value mapping. |

* + Constructors in [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html) with parameters of type [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)

|  |
| --- |
| * + Constructor and Description |
| * + [HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html#HashEntry-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/AbstractHashedMap.HashEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.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/AbstractHashedMap.HashEntry.html) value) |
| * + [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. |
| * + [ReferenceEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html#ReferenceEntry-org.apache.commons.collections4.map.AbstractReferenceMap-org.apache.commons.collections4.map.AbstractHashedMap.HashEntry-int-K-V-)([AbstractReferenceMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html)> parent, [AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html)> next, int hashCode, [K](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html) key, [V](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html) value) Creates a new entry object for the ReferenceMap. |

[Skip navigation links](#3dy6vkm)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)
* Use
* [Tree](http://docs.google.com/overview-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/map/class-use/AbstractHashedMap.HashEntry.html)
* [No Frames](http://docs.google.com/AbstractHashedMap.HashEntry.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

Copyright © 2001–2019 [The Apache Software Foundation](https://www.apache.org/). All rights reserved.