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org.apache.commons.collections4.keyvalue

## Class UnmodifiableMapEntry<K,V>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [org.apache.commons.collections4.keyvalue.AbstractKeyValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.html)<K,V>
    - [org.apache.commons.collections4.keyvalue.AbstractMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html)<K,V>
      * org.apache.commons.collections4.keyvalue.UnmodifiableMapEntry<K,V>
* Type Parameters: K - the type of keys V - the type of mapped values 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>, [Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html)  
    
  public final class UnmodifiableMapEntry<K,V>  
  extends [AbstractMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html)<K,V>  
  implements [Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html)  
  A [Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true) that throws UnsupportedOperationException when setValue is called.Since: 3.0

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [UnmodifiableMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html#UnmodifiableMapEntry-org.apache.commons.collections4.KeyValue-)([KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<? extends [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)> pair) Constructs a new entry from the specified KeyValue. |
| * + [UnmodifiableMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html#UnmodifiableMapEntry-K-V-)([K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) key, [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) value) Constructs a new entry with the specified key and given value. |
| * + [UnmodifiableMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html#UnmodifiableMapEntry-java.util.Map.Entry-)([Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<? extends [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)> entry) Constructs a new entry from the specified Map.Entry. |

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) | * + [setValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html#setValue-V-)([V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) value) Throws UnsupportedOperationException. |

### Methods inherited from class org.apache.commons.collections4.keyvalue.[**AbstractMapEntry**](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html)[equals](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html#equals-java.lang.Object-), [hashCode](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html#hashCode--)

### Methods inherited from class org.apache.commons.collections4.keyvalue.[**AbstractKeyValue**](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.html)[getKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.html#getKey--), [getValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.html#getValue--), [setKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.html#setKey-K-), [toString](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.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-), [getKey](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#getKey--), [getValue](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#getValue--)

### Constructor Detail

#### UnmodifiableMapEntry public UnmodifiableMapEntry([K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) key, [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) value) Constructs a new entry with the specified key and given value.Parameters: key - the key for the entry, may be null value - the value for the entry, may be null

#### UnmodifiableMapEntry public UnmodifiableMapEntry([KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<? extends [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)> pair) Constructs a new entry from the specified KeyValue.Parameters: pair - the pair to copy, must not be null Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the entry is null

#### UnmodifiableMapEntry public UnmodifiableMapEntry([Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<? extends [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)> entry) Constructs a new entry from the specified Map.Entry.Parameters: entry - the entry to copy, must not be null Throws: [NullPointerException](https://docs.oracle.com/javase/7/docs/api/java/lang/NullPointerException.html?is-external=true) - if the entry is null

### Method Detail

#### setValue public [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) setValue([V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html) value) Throws UnsupportedOperationException.Specified by: [setValue](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#setValue-V-) in interface [Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<[K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)> Overrides: [setValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html#setValue-V-) in class [AbstractMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html)<[K](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)> Parameters: value - the new value Returns: the previous value Throws: [UnsupportedOperationException](https://docs.oracle.com/javase/7/docs/api/java/lang/UnsupportedOperationException.html?is-external=true) - always

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