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org.apache.commons.collections4.keyvalue

## Class TiedMapEntry<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.TiedMapEntry<K,V>
* Type Parameters: K - the type of keys V - the type of mapped values All Implemented Interfaces: [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), [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>  
    
  public class TiedMapEntry<K,V>  
  extends [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)  
  implements [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>, [Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true)  
  A [Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true) tied to a map underneath.  
  This can be used to enable a map entry to make changes on the underlying map, however this will probably mess up any iterators.Since: 3.0 See Also: [Serialized Form](http://docs.google.com/serialized-form.html#org.apache.commons.collections4.keyvalue.TiedMapEntry)

### Constructor SummaryConstructors

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

### Method SummaryAll Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + boolean | * + [equals](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html#equals-java.lang.Object-)([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) obj) Compares this Map.Entry with another Map.Entry. |
| * + [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) | * + [getKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html#getKey--)() Gets the key of this entry |
| * + [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) | * + [getValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html#getValue--)() Gets the value of this entry direct from the map. |
| * + int | * + [hashCode](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html#hashCode--)() Gets a hashCode compatible with the equals method. |
| * + [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) | * + [setValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html#setValue-V-)([V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) value) Sets the value associated with the key direct onto the map. |
| * + [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) | * + [toString](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html#toString--)() Gets a string version of the entry. |

### 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-)

### Constructor Detail

#### TiedMapEntry public TiedMapEntry([Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<[K](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> map, [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) key) Constructs a new entry with the given Map and key.Parameters: map - the map key - the key

### Method Detail

#### getKey public [K](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) getKey() Gets the key of this entrySpecified by: [getKey](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#getKey--) 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/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Specified by: [getKey](http://docs.google.com/org/apache/commons/collections4/KeyValue.html#getKey--) in interface [KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<[K](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Returns: the key

#### getValue public [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) getValue() Gets the value of this entry direct from the map.Specified by: [getValue](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#getValue--) 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/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Specified by: [getValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html#getValue--) in interface [KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<[K](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Returns: the value

#### setValue public [V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) setValue([V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html) value) Sets the value associated with the key direct onto the map.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/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Parameters: value - the new value Returns: the old value Throws: [IllegalArgumentException](https://docs.oracle.com/javase/7/docs/api/java/lang/IllegalArgumentException.html?is-external=true) - if the value is set to this map entry

#### equals public boolean equals([Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) obj) Compares this Map.Entry with another Map.Entry. Implemented per API documentation of [Map.Entry.equals(Object)](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#equals-java.lang.Object-)Specified by: [equals](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#equals-java.lang.Object-) 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/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Overrides: [equals](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#equals-java.lang.Object-) in class [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) Parameters: obj - the object to compare to Returns: true if equal key and value

#### hashCode public int hashCode() Gets a hashCode compatible with the equals method. Implemented per API documentation of [Map.Entry.hashCode()](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#hashCode--)Specified by: [hashCode](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true#hashCode--) 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/TiedMapEntry.html),[V](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)> Overrides: [hashCode](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#hashCode--) in class [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) Returns: a suitable hash code

#### toString public [String](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html?is-external=true) toString() Gets a string version of the entry.Overrides: [toString](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#toString--) in class [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) Returns: entry as a string

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