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[Skip navigation links](#1fob9te)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/Put.html)
* [Tree](http://docs.google.com/package-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 Class](http://docs.google.com/org/apache/commons/collections4/PredicateUtils.html)
* [Next Class](http://docs.google.com/org/apache/commons/collections4/QueueUtils.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/Put.html)
* [No Frames](http://docs.google.com/Put.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* Constr |
* [Method](#3znysh7)
* Detail:
* Field |
* Constr |
* [Method](#2et92p0)

org.apache.commons.collections4

## Interface Put<K,V>

* Type Parameters: K - the type of the keys in this map V - the type of the values in this map All Known Subinterfaces: [BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, [BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>, [IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V>, [IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V>, [MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>, [OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, [OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, [SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V>, [Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V> All Known Implementing Classes: [AbstractBidiMapDecorator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractBidiMapDecorator.html), [AbstractBitwiseTrie](http://docs.google.com/org/apache/commons/collections4/trie/AbstractBitwiseTrie.html), [AbstractDualBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.html), [AbstractHashedMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html), [AbstractIterableMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractIterableMap.html), [AbstractLinkedMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html), [AbstractMapDecorator](http://docs.google.com/org/apache/commons/collections4/map/AbstractMapDecorator.html), [AbstractOrderedBidiMapDecorator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractOrderedBidiMapDecorator.html), [AbstractOrderedMapDecorator](http://docs.google.com/org/apache/commons/collections4/map/AbstractOrderedMapDecorator.html), [AbstractReferenceMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html), [AbstractSortedBidiMapDecorator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractSortedBidiMapDecorator.html), [AbstractSortedMapDecorator](http://docs.google.com/org/apache/commons/collections4/map/AbstractSortedMapDecorator.html), [CaseInsensitiveMap](http://docs.google.com/org/apache/commons/collections4/map/CaseInsensitiveMap.html), [CompositeMap](http://docs.google.com/org/apache/commons/collections4/map/CompositeMap.html), [DefaultedMap](http://docs.google.com/org/apache/commons/collections4/map/DefaultedMap.html), [DualHashBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualHashBidiMap.html), [DualLinkedHashBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualLinkedHashBidiMap.html), [DualTreeBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualTreeBidiMap.html), [DualTreeBidiMap.ViewMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualTreeBidiMap.ViewMap.html), [FixedSizeMap](http://docs.google.com/org/apache/commons/collections4/map/FixedSizeMap.html), [FixedSizeSortedMap](http://docs.google.com/org/apache/commons/collections4/map/FixedSizeSortedMap.html), [Flat3Map](http://docs.google.com/org/apache/commons/collections4/map/Flat3Map.html), [HashedMap](http://docs.google.com/org/apache/commons/collections4/map/HashedMap.html), [LazyMap](http://docs.google.com/org/apache/commons/collections4/map/LazyMap.html), [LazySortedMap](http://docs.google.com/org/apache/commons/collections4/map/LazySortedMap.html), [LinkedMap](http://docs.google.com/org/apache/commons/collections4/map/LinkedMap.html), [ListOrderedMap](http://docs.google.com/org/apache/commons/collections4/map/ListOrderedMap.html), [LRUMap](http://docs.google.com/org/apache/commons/collections4/map/LRUMap.html), [MultiKeyMap](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html), [MultiValueMap](http://docs.google.com/org/apache/commons/collections4/map/MultiValueMap.html), [PassiveExpiringMap](http://docs.google.com/org/apache/commons/collections4/map/PassiveExpiringMap.html), [PatriciaTrie](http://docs.google.com/org/apache/commons/collections4/trie/PatriciaTrie.html), [PredicatedMap](http://docs.google.com/org/apache/commons/collections4/map/PredicatedMap.html), [PredicatedSortedMap](http://docs.google.com/org/apache/commons/collections4/map/PredicatedSortedMap.html), [ReferenceIdentityMap](http://docs.google.com/org/apache/commons/collections4/map/ReferenceIdentityMap.html), [ReferenceMap](http://docs.google.com/org/apache/commons/collections4/map/ReferenceMap.html), [SingletonMap](http://docs.google.com/org/apache/commons/collections4/map/SingletonMap.html), [StaticBucketMap](http://docs.google.com/org/apache/commons/collections4/map/StaticBucketMap.html), [TransformedMap](http://docs.google.com/org/apache/commons/collections4/map/TransformedMap.html), [TransformedSortedMap](http://docs.google.com/org/apache/commons/collections4/map/TransformedSortedMap.html), [TransformedSplitMap](http://docs.google.com/org/apache/commons/collections4/splitmap/TransformedSplitMap.html), [TreeBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/TreeBidiMap.html), [UnmodifiableBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/UnmodifiableBidiMap.html), [UnmodifiableMap](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableMap.html), [UnmodifiableOrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/UnmodifiableOrderedBidiMap.html), [UnmodifiableOrderedMap](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableOrderedMap.html), [UnmodifiableSortedBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/UnmodifiableSortedBidiMap.html), [UnmodifiableSortedMap](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableSortedMap.html), [UnmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html)  
    
  public interface Put<K,V>  
  The "write" subset of the [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true) interface.  
  NOTE: in the original [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true) interface, [Map.put(Object, Object)](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true#put-K-V-) is known to have the same return type as [Map.get(Object)](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true#get-java.lang.Object-), namely V. [Put](http://docs.google.com/org/apache/commons/collections4/Put.html) makes no assumptions in this regard (there is no association with, nor even knowledge of, a "reading" interface) and thus defines [put(Object, Object)](http://docs.google.com/org/apache/commons/collections4/Put.html#put-K-V-) as returning [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true).Since: 4.0 See Also: [Get](http://docs.google.com/org/apache/commons/collections4/Get.html)

### Method SummaryAll Methods Instance Methods Abstract Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + void | * + [clear](http://docs.google.com/org/apache/commons/collections4/Put.html#clear--)() |
| * + [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) | * + [put](http://docs.google.com/org/apache/commons/collections4/Put.html#put-K-V-)([K](http://docs.google.com/org/apache/commons/collections4/Put.html) key, [V](http://docs.google.com/org/apache/commons/collections4/Put.html) value) Note that the return type is Object, rather than V as in the Map interface. |
| * + void | * + [putAll](http://docs.google.com/org/apache/commons/collections4/Put.html#putAll-java.util.Map-)([Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<? extends [K](http://docs.google.com/org/apache/commons/collections4/Put.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/Put.html)> t) |

### Method Detail

#### clear void clear()See Also: [Map.clear()](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true#clear--)

#### put [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true) put([K](http://docs.google.com/org/apache/commons/collections4/Put.html) key, [V](http://docs.google.com/org/apache/commons/collections4/Put.html) value) Note that the return type is Object, rather than V as in the Map interface. See the class Javadoc for further info.Parameters: key - key with which the specified value is to be associated value - value to be associated with the specified key Returns: the previous value associated with key, or null if there was no mapping for key. (A null return can also indicate that the map previously associated null with key, if the implementation supports null values.) See Also: [Map.put(Object, Object)](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true#put-K-V-)

#### putAll void putAll([Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<? extends [K](http://docs.google.com/org/apache/commons/collections4/Put.html),? extends [V](http://docs.google.com/org/apache/commons/collections4/Put.html)> t)Parameters: t - mappings to be stored in this map See Also: [Map.putAll(Map)](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true#putAll-java.util.Map-)

[Skip navigation links](#3rdcrjn)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* Class
* [Use](http://docs.google.com/class-use/Put.html)
* [Tree](http://docs.google.com/package-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 Class](http://docs.google.com/org/apache/commons/collections4/PredicateUtils.html)
* [Next Class](http://docs.google.com/org/apache/commons/collections4/QueueUtils.html)
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/Put.html)
* [No Frames](http://docs.google.com/Put.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)
* Summary:
* Nested |
* Field |
* Constr |
* [Method](#3znysh7)
* Detail:
* Field |
* Constr |
* [Method](#2et92p0)

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