# [**org.apache.commons.collections4.map**](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html)

Interfaces

* [CompositeMap.MapMutator](http://docs.google.com/CompositeMap.MapMutator.html)
* [PassiveExpiringMap.ExpirationPolicy](http://docs.google.com/PassiveExpiringMap.ExpirationPolicy.html)

## Classes

* [AbstractHashedMap](http://docs.google.com/AbstractHashedMap.html)
* [AbstractHashedMap.EntrySet](http://docs.google.com/AbstractHashedMap.EntrySet.html)
* [AbstractHashedMap.EntrySetIterator](http://docs.google.com/AbstractHashedMap.EntrySetIterator.html)
* [AbstractHashedMap.HashEntry](http://docs.google.com/AbstractHashedMap.HashEntry.html)
* [AbstractHashedMap.HashIterator](http://docs.google.com/AbstractHashedMap.HashIterator.html)
* [AbstractHashedMap.HashMapIterator](http://docs.google.com/AbstractHashedMap.HashMapIterator.html)
* [AbstractHashedMap.KeySet](http://docs.google.com/AbstractHashedMap.KeySet.html)
* [AbstractHashedMap.KeySetIterator](http://docs.google.com/AbstractHashedMap.KeySetIterator.html)
* [AbstractHashedMap.Values](http://docs.google.com/AbstractHashedMap.Values.html)
* [AbstractHashedMap.ValuesIterator](http://docs.google.com/AbstractHashedMap.ValuesIterator.html)
* [AbstractIterableMap](http://docs.google.com/AbstractIterableMap.html)
* [AbstractLinkedMap](http://docs.google.com/AbstractLinkedMap.html)
* [AbstractLinkedMap.EntrySetIterator](http://docs.google.com/AbstractLinkedMap.EntrySetIterator.html)
* [AbstractLinkedMap.KeySetIterator](http://docs.google.com/AbstractLinkedMap.KeySetIterator.html)
* [AbstractLinkedMap.LinkEntry](http://docs.google.com/AbstractLinkedMap.LinkEntry.html)
* [AbstractLinkedMap.LinkIterator](http://docs.google.com/AbstractLinkedMap.LinkIterator.html)
* [AbstractLinkedMap.LinkMapIterator](http://docs.google.com/AbstractLinkedMap.LinkMapIterator.html)
* [AbstractLinkedMap.ValuesIterator](http://docs.google.com/AbstractLinkedMap.ValuesIterator.html)
* [AbstractMapDecorator](http://docs.google.com/AbstractMapDecorator.html)
* [AbstractOrderedMapDecorator](http://docs.google.com/AbstractOrderedMapDecorator.html)
* [AbstractReferenceMap](http://docs.google.com/AbstractReferenceMap.html)
* [AbstractReferenceMap.ReferenceEntry](http://docs.google.com/AbstractReferenceMap.ReferenceEntry.html)
* [AbstractSortedMapDecorator](http://docs.google.com/AbstractSortedMapDecorator.html)
* [AbstractSortedMapDecorator.SortedMapIterator](http://docs.google.com/AbstractSortedMapDecorator.SortedMapIterator.html)
* [CaseInsensitiveMap](http://docs.google.com/CaseInsensitiveMap.html)
* [CompositeMap](http://docs.google.com/CompositeMap.html)
* [DefaultedMap](http://docs.google.com/DefaultedMap.html)
* [EntrySetToMapIteratorAdapter](http://docs.google.com/EntrySetToMapIteratorAdapter.html)
* [FixedSizeMap](http://docs.google.com/FixedSizeMap.html)
* [FixedSizeSortedMap](http://docs.google.com/FixedSizeSortedMap.html)
* [Flat3Map](http://docs.google.com/Flat3Map.html)
* [HashedMap](http://docs.google.com/HashedMap.html)
* [LazyMap](http://docs.google.com/LazyMap.html)
* [LazySortedMap](http://docs.google.com/LazySortedMap.html)
* [LinkedMap](http://docs.google.com/LinkedMap.html)
* [ListOrderedMap](http://docs.google.com/ListOrderedMap.html)
* [LRUMap](http://docs.google.com/LRUMap.html)
* [MultiKeyMap](http://docs.google.com/MultiKeyMap.html)
* [MultiValueMap](http://docs.google.com/MultiValueMap.html)
* [PassiveExpiringMap](http://docs.google.com/PassiveExpiringMap.html)
* [PassiveExpiringMap.ConstantTimeToLiveExpirationPolicy](http://docs.google.com/PassiveExpiringMap.ConstantTimeToLiveExpirationPolicy.html)
* [PredicatedMap](http://docs.google.com/PredicatedMap.html)
* [PredicatedSortedMap](http://docs.google.com/PredicatedSortedMap.html)
* [ReferenceIdentityMap](http://docs.google.com/ReferenceIdentityMap.html)
* [ReferenceMap](http://docs.google.com/ReferenceMap.html)
* [SingletonMap](http://docs.google.com/SingletonMap.html)
* [StaticBucketMap](http://docs.google.com/StaticBucketMap.html)
* [TransformedMap](http://docs.google.com/TransformedMap.html)
* [TransformedSortedMap](http://docs.google.com/TransformedSortedMap.html)
* [UnmodifiableEntrySet](http://docs.google.com/UnmodifiableEntrySet.html)
* [UnmodifiableMap](http://docs.google.com/UnmodifiableMap.html)
* [UnmodifiableOrderedMap](http://docs.google.com/UnmodifiableOrderedMap.html)
* [UnmodifiableSortedMap](http://docs.google.com/UnmodifiableSortedMap.html)

## Enums

* [AbstractReferenceMap.ReferenceStrength](http://docs.google.com/AbstractReferenceMap.ReferenceStrength.html)