JavaScript is disabled on your browser.

[Skip navigation links](#1fob9te)

* [Overview](http://docs.google.com/overview-summary.html)
* Package
* Class
* Use
* Tree
* [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?overview-tree.html)
* [No Frames](http://docs.google.com/overview-tree.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

Hierarchy For All Packages

Package Hierarchies:

* [org.apache.commons.collections4](http://docs.google.com/org/apache/commons/collections4/package-tree.html),
* [org.apache.commons.collections4.bag](http://docs.google.com/org/apache/commons/collections4/bag/package-tree.html),
* [org.apache.commons.collections4.bidimap](http://docs.google.com/org/apache/commons/collections4/bidimap/package-tree.html),
* [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-tree.html),
* [org.apache.commons.collections4.comparators](http://docs.google.com/org/apache/commons/collections4/comparators/package-tree.html),
* [org.apache.commons.collections4.functors](http://docs.google.com/org/apache/commons/collections4/functors/package-tree.html),
* [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/package-tree.html),
* [org.apache.commons.collections4.keyvalue](http://docs.google.com/org/apache/commons/collections4/keyvalue/package-tree.html),
* [org.apache.commons.collections4.list](http://docs.google.com/org/apache/commons/collections4/list/package-tree.html),
* [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-tree.html),
* [org.apache.commons.collections4.multimap](http://docs.google.com/org/apache/commons/collections4/multimap/package-tree.html),
* [org.apache.commons.collections4.multiset](http://docs.google.com/org/apache/commons/collections4/multiset/package-tree.html),
* [org.apache.commons.collections4.properties](http://docs.google.com/org/apache/commons/collections4/properties/package-tree.html),
* [org.apache.commons.collections4.queue](http://docs.google.com/org/apache/commons/collections4/queue/package-tree.html),
* [org.apache.commons.collections4.sequence](http://docs.google.com/org/apache/commons/collections4/sequence/package-tree.html),
* [org.apache.commons.collections4.set](http://docs.google.com/org/apache/commons/collections4/set/package-tree.html),
* [org.apache.commons.collections4.splitmap](http://docs.google.com/org/apache/commons/collections4/splitmap/package-tree.html),
* [org.apache.commons.collections4.trie](http://docs.google.com/org/apache/commons/collections4/trie/package-tree.html),
* [org.apache.commons.collections4.trie.analyzer](http://docs.google.com/org/apache/commons/collections4/trie/analyzer/package-tree.html)

Class Hierarchy

* java.lang.[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + java.util.[AbstractCollection](https://docs.oracle.com/javase/7/docs/api/java/util/AbstractCollection.html?is-external=true)<E> (implements java.util.[Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true)<E>)
    - org.apache.commons.collections4.map.[AbstractHashedMap.Values](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.Values.html)<V>
    - java.util.[AbstractList](https://docs.oracle.com/javase/7/docs/api/java/util/AbstractList.html?is-external=true)<E> (implements java.util.[List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true)<E>)
      * org.apache.commons.collections4.list.[AbstractLinkedList.LinkedSubList](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedSubList.html)<E>
      * java.util.[ArrayList](https://docs.oracle.com/javase/7/docs/api/java/util/ArrayList.html?is-external=true)<E> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.util.[List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true)<E>, java.util.[RandomAccess](https://docs.oracle.com/javase/7/docs/api/java/util/RandomAccess.html?is-external=true), java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.[ArrayStack](http://docs.google.com/org/apache/commons/collections4/ArrayStack.html)<E>
      * org.apache.commons.collections4.list.[TreeList](http://docs.google.com/org/apache/commons/collections4/list/TreeList.html)<E>
    - org.apache.commons.collections4.multiset.[AbstractMultiSet](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMultiSet.html)<E> (implements org.apache.commons.collections4.[MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html)<E>)
      * org.apache.commons.collections4.multiset.[AbstractMapMultiSet](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMapMultiSet.html)<E>
        + org.apache.commons.collections4.multiset.[HashMultiSet](http://docs.google.com/org/apache/commons/collections4/multiset/HashMultiSet.html)<E> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - java.util.[AbstractSet](https://docs.oracle.com/javase/7/docs/api/java/util/AbstractSet.html?is-external=true)<E> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
      * org.apache.commons.collections4.map.[AbstractHashedMap.EntrySet](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.EntrySet.html)<K,V>
      * org.apache.commons.collections4.map.[AbstractHashedMap.KeySet](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.KeySet.html)<K>
      * org.apache.commons.collections4.multiset.[AbstractMultiSet.EntrySet](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMultiSet.EntrySet.html)<E>
      * org.apache.commons.collections4.multiset.[AbstractMultiSet.UniqueSet](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMultiSet.UniqueSet.html)<E>
      * org.apache.commons.collections4.[SetUtils.SetView](http://docs.google.com/org/apache/commons/collections4/SetUtils.SetView.html)<E>
    - org.apache.commons.collections4.queue.[CircularFifoQueue](http://docs.google.com/org/apache/commons/collections4/queue/CircularFifoQueue.html)<E> (implements org.apache.commons.collections4.[BoundedCollection](http://docs.google.com/org/apache/commons/collections4/BoundedCollection.html)<E>, java.util.[Queue](https://docs.oracle.com/javase/7/docs/api/java/util/Queue.html?is-external=true)<E>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.collection.[AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/AbstractCollectionDecorator.html)<E> (implements java.util.[Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true)<E>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.bag.[AbstractBagDecorator](http://docs.google.com/org/apache/commons/collections4/bag/AbstractBagDecorator.html)<E> (implements org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>)
      * org.apache.commons.collections4.bag.[AbstractSortedBagDecorator](http://docs.google.com/org/apache/commons/collections4/bag/AbstractSortedBagDecorator.html)<E> (implements org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>)
        + org.apache.commons.collections4.bag.[CollectionSortedBag](http://docs.google.com/org/apache/commons/collections4/bag/CollectionSortedBag.html)<E>
        + org.apache.commons.collections4.bag.[UnmodifiableSortedBag](http://docs.google.com/org/apache/commons/collections4/bag/UnmodifiableSortedBag.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
      * org.apache.commons.collections4.bag.[CollectionBag](http://docs.google.com/org/apache/commons/collections4/bag/CollectionBag.html)<E>
      * org.apache.commons.collections4.bag.[UnmodifiableBag](http://docs.google.com/org/apache/commons/collections4/bag/UnmodifiableBag.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.View](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.View.html)<K,V,E>
      * org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.EntrySet](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.EntrySet.html)<K,V> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
      * org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.KeySet](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.KeySet.html)<K> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
      * org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.Values](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.Values.html)<V> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
    - org.apache.commons.collections4.list.[AbstractListDecorator](http://docs.google.com/org/apache/commons/collections4/list/AbstractListDecorator.html)<E> (implements java.util.[List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true)<E>)
      * org.apache.commons.collections4.list.[AbstractSerializableListDecorator](http://docs.google.com/org/apache/commons/collections4/list/AbstractSerializableListDecorator.html)<E>
        + org.apache.commons.collections4.list.[FixedSizeList](http://docs.google.com/org/apache/commons/collections4/list/FixedSizeList.html)<E> (implements org.apache.commons.collections4.[BoundedCollection](http://docs.google.com/org/apache/commons/collections4/BoundedCollection.html)<E>)
        + org.apache.commons.collections4.list.[GrowthList](http://docs.google.com/org/apache/commons/collections4/list/GrowthList.html)<E>
        + org.apache.commons.collections4.list.[LazyList](http://docs.google.com/org/apache/commons/collections4/list/LazyList.html)<E>
        + org.apache.commons.collections4.list.[SetUniqueList](http://docs.google.com/org/apache/commons/collections4/list/SetUniqueList.html)<E>
        + org.apache.commons.collections4.list.[UnmodifiableList](http://docs.google.com/org/apache/commons/collections4/list/UnmodifiableList.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.multiset.[AbstractMultiSetDecorator](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMultiSetDecorator.html)<E> (implements org.apache.commons.collections4.[MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html)<E>)
      * org.apache.commons.collections4.multiset.[UnmodifiableMultiSet](http://docs.google.com/org/apache/commons/collections4/multiset/UnmodifiableMultiSet.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.queue.[AbstractQueueDecorator](http://docs.google.com/org/apache/commons/collections4/queue/AbstractQueueDecorator.html)<E> (implements java.util.[Queue](https://docs.oracle.com/javase/7/docs/api/java/util/Queue.html?is-external=true)<E>)
      * org.apache.commons.collections4.queue.[UnmodifiableQueue](http://docs.google.com/org/apache/commons/collections4/queue/UnmodifiableQueue.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.set.[AbstractSetDecorator](http://docs.google.com/org/apache/commons/collections4/set/AbstractSetDecorator.html)<E> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
      * org.apache.commons.collections4.set.[AbstractSerializableSetDecorator](http://docs.google.com/org/apache/commons/collections4/set/AbstractSerializableSetDecorator.html)<E>
        + org.apache.commons.collections4.set.[ListOrderedSet](http://docs.google.com/org/apache/commons/collections4/set/ListOrderedSet.html)<E>
        + org.apache.commons.collections4.set.[UnmodifiableSet](http://docs.google.com/org/apache/commons/collections4/set/UnmodifiableSet.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
      * org.apache.commons.collections4.set.[AbstractSortedSetDecorator](http://docs.google.com/org/apache/commons/collections4/set/AbstractSortedSetDecorator.html)<E> (implements java.util.[SortedSet](https://docs.oracle.com/javase/7/docs/api/java/util/SortedSet.html?is-external=true)<E>)
        + org.apache.commons.collections4.set.[AbstractNavigableSetDecorator](http://docs.google.com/org/apache/commons/collections4/set/AbstractNavigableSetDecorator.html)<E> (implements java.util.[NavigableSet](https://docs.oracle.com/javase/7/docs/api/java/util/NavigableSet.html?is-external=true)<E>)

org.apache.commons.collections4.set.[UnmodifiableNavigableSet](http://docs.google.com/org/apache/commons/collections4/set/UnmodifiableNavigableSet.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))

* + - * + org.apache.commons.collections4.set.[UnmodifiableSortedSet](http://docs.google.com/org/apache/commons/collections4/set/UnmodifiableSortedSet.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
      * org.apache.commons.collections4.map.[UnmodifiableEntrySet](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableEntrySet.html)<K,V> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.collection.[IndexedCollection](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html)<K,C>
    - org.apache.commons.collections4.collection.[PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/PredicatedCollection.html)<E>
      * org.apache.commons.collections4.bag.[PredicatedBag](http://docs.google.com/org/apache/commons/collections4/bag/PredicatedBag.html)<E> (implements org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>)
        + org.apache.commons.collections4.bag.[PredicatedSortedBag](http://docs.google.com/org/apache/commons/collections4/bag/PredicatedSortedBag.html)<E> (implements org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>)
      * org.apache.commons.collections4.list.[PredicatedList](http://docs.google.com/org/apache/commons/collections4/list/PredicatedList.html)<E> (implements java.util.[List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true)<E>)
      * org.apache.commons.collections4.multiset.[PredicatedMultiSet](http://docs.google.com/org/apache/commons/collections4/multiset/PredicatedMultiSet.html)<E> (implements org.apache.commons.collections4.[MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html)<E>)
      * org.apache.commons.collections4.queue.[PredicatedQueue](http://docs.google.com/org/apache/commons/collections4/queue/PredicatedQueue.html)<E> (implements java.util.[Queue](https://docs.oracle.com/javase/7/docs/api/java/util/Queue.html?is-external=true)<E>)
      * org.apache.commons.collections4.set.[PredicatedSet](http://docs.google.com/org/apache/commons/collections4/set/PredicatedSet.html)<E> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
        + org.apache.commons.collections4.set.[PredicatedSortedSet](http://docs.google.com/org/apache/commons/collections4/set/PredicatedSortedSet.html)<E> (implements java.util.[SortedSet](https://docs.oracle.com/javase/7/docs/api/java/util/SortedSet.html?is-external=true)<E>)

org.apache.commons.collections4.set.[PredicatedNavigableSet](http://docs.google.com/org/apache/commons/collections4/set/PredicatedNavigableSet.html)<E> (implements java.util.[NavigableSet](https://docs.oracle.com/javase/7/docs/api/java/util/NavigableSet.html?is-external=true)<E>)

* + - org.apache.commons.collections4.collection.[TransformedCollection](http://docs.google.com/org/apache/commons/collections4/collection/TransformedCollection.html)<E>
      * org.apache.commons.collections4.bag.[TransformedBag](http://docs.google.com/org/apache/commons/collections4/bag/TransformedBag.html)<E> (implements org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>)
        + org.apache.commons.collections4.bag.[TransformedSortedBag](http://docs.google.com/org/apache/commons/collections4/bag/TransformedSortedBag.html)<E> (implements org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>)
      * org.apache.commons.collections4.list.[TransformedList](http://docs.google.com/org/apache/commons/collections4/list/TransformedList.html)<E> (implements java.util.[List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true)<E>)
      * org.apache.commons.collections4.queue.[TransformedQueue](http://docs.google.com/org/apache/commons/collections4/queue/TransformedQueue.html)<E> (implements java.util.[Queue](https://docs.oracle.com/javase/7/docs/api/java/util/Queue.html?is-external=true)<E>)
      * org.apache.commons.collections4.set.[TransformedSet](http://docs.google.com/org/apache/commons/collections4/set/TransformedSet.html)<E> (implements java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
        + org.apache.commons.collections4.set.[TransformedSortedSet](http://docs.google.com/org/apache/commons/collections4/set/TransformedSortedSet.html)<E> (implements java.util.[SortedSet](https://docs.oracle.com/javase/7/docs/api/java/util/SortedSet.html?is-external=true)<E>)

org.apache.commons.collections4.set.[TransformedNavigableSet](http://docs.google.com/org/apache/commons/collections4/set/TransformedNavigableSet.html)<E> (implements java.util.[NavigableSet](https://docs.oracle.com/javase/7/docs/api/java/util/NavigableSet.html?is-external=true)<E>)

* + - org.apache.commons.collections4.collection.[UnmodifiableBoundedCollection](http://docs.google.com/org/apache/commons/collections4/collection/UnmodifiableBoundedCollection.html)<E> (implements org.apache.commons.collections4.[BoundedCollection](http://docs.google.com/org/apache/commons/collections4/BoundedCollection.html)<E>, org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.collection.[UnmodifiableCollection](http://docs.google.com/org/apache/commons/collections4/collection/UnmodifiableCollection.html)<E> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.bidimap.[AbstractDualBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.html)<K,V> (implements org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
    - org.apache.commons.collections4.bidimap.[DualHashBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualHashBidiMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.bidimap.[DualLinkedHashBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualLinkedHashBidiMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.bidimap.[DualTreeBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualTreeBidiMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V>)
  + org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.BidiMapIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.BidiMapIterator.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[AbstractEmptyMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractEmptyMapIterator.html)<K,V>
    - org.apache.commons.collections4.iterators.[EmptyMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyMapIterator.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.iterators.[EmptyOrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyOrderedMapIterator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.map.[AbstractHashedMap.HashEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashEntry.html)<K,V> (implements org.apache.commons.collections4.[KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V>, java.util.[Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.map.[AbstractLinkedMap.LinkEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkEntry.html)<K,V>
    - org.apache.commons.collections4.map.[AbstractReferenceMap.ReferenceEntry](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceEntry.html)<K,V>
  + org.apache.commons.collections4.map.[AbstractHashedMap.HashIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashIterator.html)<K,V>
    - org.apache.commons.collections4.map.[AbstractHashedMap.EntrySetIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.EntrySetIterator.html)<K,V> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
    - org.apache.commons.collections4.map.[AbstractHashedMap.HashMapIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.HashMapIterator.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>)
    - org.apache.commons.collections4.map.[AbstractHashedMap.KeySetIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.KeySetIterator.html)<K> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
    - org.apache.commons.collections4.map.[AbstractHashedMap.ValuesIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.ValuesIterator.html)<V> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.splitmap.[AbstractIterableGetMapDecorator](http://docs.google.com/org/apache/commons/collections4/splitmap/AbstractIterableGetMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[IterableGet](http://docs.google.com/org/apache/commons/collections4/IterableGet.html)<K,V>)
    - org.apache.commons.collections4.splitmap.[TransformedSplitMap](http://docs.google.com/org/apache/commons/collections4/splitmap/TransformedSplitMap.html)<J,K,U,V> (implements org.apache.commons.collections4.[Put](http://docs.google.com/org/apache/commons/collections4/Put.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.map.[AbstractIterableMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractIterableMap.html)<K,V> (implements org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V>)
    - org.apache.commons.collections4.map.[AbstractMapDecorator](http://docs.google.com/org/apache/commons/collections4/map/AbstractMapDecorator.html)<K,V>
      * org.apache.commons.collections4.bidimap.[AbstractBidiMapDecorator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractBidiMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
        + org.apache.commons.collections4.bidimap.[AbstractOrderedBidiMapDecorator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractOrderedBidiMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>)

org.apache.commons.collections4.bidimap.[AbstractSortedBidiMapDecorator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractSortedBidiMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V>)

org.apache.commons.collections4.bidimap.[UnmodifiableSortedBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/UnmodifiableSortedBidiMap.html)<K,V> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))

org.apache.commons.collections4.bidimap.[UnmodifiableOrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/UnmodifiableOrderedBidiMap.html)<K,V> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))

* + - * + org.apache.commons.collections4.bidimap.[UnmodifiableBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/UnmodifiableBidiMap.html)<K,V> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
      * org.apache.commons.collections4.map.[AbstractOrderedMapDecorator](http://docs.google.com/org/apache/commons/collections4/map/AbstractOrderedMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.map.[UnmodifiableOrderedMap](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableOrderedMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
      * org.apache.commons.collections4.map.[AbstractSortedMapDecorator](http://docs.google.com/org/apache/commons/collections4/map/AbstractSortedMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V>)
        + org.apache.commons.collections4.bidimap.[DualTreeBidiMap.ViewMap](http://docs.google.com/org/apache/commons/collections4/bidimap/DualTreeBidiMap.ViewMap.html)<K,V>
        + org.apache.commons.collections4.map.[FixedSizeSortedMap](http://docs.google.com/org/apache/commons/collections4/map/FixedSizeSortedMap.html)<K,V> (implements org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.map.[UnmodifiableSortedMap](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableSortedMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
      * org.apache.commons.collections4.map.[DefaultedMap](http://docs.google.com/org/apache/commons/collections4/map/DefaultedMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[FixedSizeMap](http://docs.google.com/org/apache/commons/collections4/map/FixedSizeMap.html)<K,V> (implements org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[LazyMap](http://docs.google.com/org/apache/commons/collections4/map/LazyMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.map.[LazySortedMap](http://docs.google.com/org/apache/commons/collections4/map/LazySortedMap.html)<K,V> (implements java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.map.[ListOrderedMap](http://docs.google.com/org/apache/commons/collections4/map/ListOrderedMap.html)<K,V> (implements org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[MultiKeyMap](http://docs.google.com/org/apache/commons/collections4/map/MultiKeyMap.html)<K,V> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[MultiValueMap](http://docs.google.com/org/apache/commons/collections4/map/MultiValueMap.html)<K,V> (implements org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[PassiveExpiringMap](http://docs.google.com/org/apache/commons/collections4/map/PassiveExpiringMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[PredicatedMap](http://docs.google.com/org/apache/commons/collections4/map/PredicatedMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.map.[PredicatedSortedMap](http://docs.google.com/org/apache/commons/collections4/map/PredicatedSortedMap.html)<K,V> (implements java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.map.[TransformedMap](http://docs.google.com/org/apache/commons/collections4/map/TransformedMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.map.[TransformedSortedMap](http://docs.google.com/org/apache/commons/collections4/map/TransformedSortedMap.html)<K,V> (implements java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.map.[UnmodifiableMap](http://docs.google.com/org/apache/commons/collections4/map/UnmodifiableMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.map.[CompositeMap](http://docs.google.com/org/apache/commons/collections4/map/CompositeMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.map.[StaticBucketMap](http://docs.google.com/org/apache/commons/collections4/map/StaticBucketMap.html)<K,V>
  + org.apache.commons.collections4.keyvalue.[AbstractKeyValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractKeyValue.html)<K,V> (implements org.apache.commons.collections4.[KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V>)
    - org.apache.commons.collections4.keyvalue.[AbstractMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntry.html)<K,V> (implements java.util.[Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.keyvalue.[DefaultMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/DefaultMapEntry.html)<K,V>
      * org.apache.commons.collections4.keyvalue.[UnmodifiableMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/UnmodifiableMapEntry.html)<K,V> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
    - org.apache.commons.collections4.keyvalue.[DefaultKeyValue](http://docs.google.com/org/apache/commons/collections4/keyvalue/DefaultKeyValue.html)<K,V>
  + org.apache.commons.collections4.list.[AbstractLinkedList](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)<E> (implements java.util.[List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true)<E>)
    - org.apache.commons.collections4.list.[CursorableLinkedList](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)<E> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.list.[NodeCachingLinkedList](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html)<E> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.list.[AbstractLinkedList.LinkedListIterator](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html)<E> (implements java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>, org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>)
    - org.apache.commons.collections4.list.[AbstractLinkedList.LinkedSubListIterator](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedSubListIterator.html)<E>
    - org.apache.commons.collections4.list.[CursorableLinkedList.Cursor](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html)<E>
      * org.apache.commons.collections4.list.[CursorableLinkedList.SubCursor](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.SubCursor.html)<E>
  + org.apache.commons.collections4.list.[AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<E>
  + org.apache.commons.collections4.map.[AbstractLinkedMap.LinkIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkIterator.html)<K,V>
    - org.apache.commons.collections4.map.[AbstractLinkedMap.EntrySetIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.EntrySetIterator.html)<K,V> (implements org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.map.[AbstractLinkedMap.KeySetIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.KeySetIterator.html)<K> (implements org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.map.[AbstractLinkedMap.LinkMapIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkMapIterator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.map.[AbstractLinkedMap.ValuesIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.ValuesIterator.html)<V> (implements org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[AbstractListIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractListIteratorDecorator.html)<E> (implements java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>)
    - org.apache.commons.collections4.list.[PredicatedList.PredicatedListIterator](http://docs.google.com/org/apache/commons/collections4/list/PredicatedList.PredicatedListIterator.html)
    - org.apache.commons.collections4.list.[TransformedList.TransformedListIterator](http://docs.google.com/org/apache/commons/collections4/list/TransformedList.TransformedListIterator.html)
  + java.util.[AbstractMap](https://docs.oracle.com/javase/7/docs/api/java/util/AbstractMap.html?is-external=true)<K,V> (implements java.util.[Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.trie.[AbstractBitwiseTrie](http://docs.google.com/org/apache/commons/collections4/trie/AbstractBitwiseTrie.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>)
      * org.apache.commons.collections4.trie.[PatriciaTrie](http://docs.google.com/org/apache/commons/collections4/trie/PatriciaTrie.html)<E>
    - org.apache.commons.collections4.map.[AbstractHashedMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractHashedMap.html)<K,V> (implements org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V>)
      * org.apache.commons.collections4.map.[AbstractLinkedMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.html)<K,V> (implements org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.map.[LinkedMap](http://docs.google.com/org/apache/commons/collections4/map/LinkedMap.html)<K,V> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.map.[LRUMap](http://docs.google.com/org/apache/commons/collections4/map/LRUMap.html)<K,V> (implements org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>, java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[AbstractReferenceMap](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.html)<K,V>
        + org.apache.commons.collections4.map.[ReferenceIdentityMap](http://docs.google.com/org/apache/commons/collections4/map/ReferenceIdentityMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
        + org.apache.commons.collections4.map.[ReferenceMap](http://docs.google.com/org/apache/commons/collections4/map/ReferenceMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[CaseInsensitiveMap](http://docs.google.com/org/apache/commons/collections4/map/CaseInsensitiveMap.html)<K,V> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * org.apache.commons.collections4.map.[HashedMap](http://docs.google.com/org/apache/commons/collections4/map/HashedMap.html)<K,V> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.bag.[AbstractMapBag](http://docs.google.com/org/apache/commons/collections4/bag/AbstractMapBag.html)<E> (implements org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>)
    - org.apache.commons.collections4.bag.[HashBag](http://docs.google.com/org/apache/commons/collections4/bag/HashBag.html)<E> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.bag.[TreeBag](http://docs.google.com/org/apache/commons/collections4/bag/TreeBag.html)<E> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>)
  + org.apache.commons.collections4.bag.[AbstractMapBag.MutableInteger](http://docs.google.com/org/apache/commons/collections4/bag/AbstractMapBag.MutableInteger.html)
  + org.apache.commons.collections4.keyvalue.[AbstractMapEntryDecorator](http://docs.google.com/org/apache/commons/collections4/keyvalue/AbstractMapEntryDecorator.html)<K,V> (implements org.apache.commons.collections4.[KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V>, java.util.[Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.MapEntry](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.MapEntry.html)<K,V>
  + org.apache.commons.collections4.iterators.[AbstractMapIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractMapIteratorDecorator.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>)
  + org.apache.commons.collections4.multiset.[AbstractMapMultiSet.EntrySetIterator](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMapMultiSet.EntrySetIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.multiset.[AbstractMapMultiSet.MutableInteger](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMapMultiSet.MutableInteger.html)
  + org.apache.commons.collections4.multiset.[AbstractMultiSet.AbstractEntry](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMultiSet.AbstractEntry.html)<E> (implements org.apache.commons.collections4.[MultiSet.Entry](http://docs.google.com/org/apache/commons/collections4/MultiSet.Entry.html)<E>)
    - org.apache.commons.collections4.multiset.[AbstractMapMultiSet.MultiSetEntry](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMapMultiSet.MultiSetEntry.html)<E>
  + org.apache.commons.collections4.multimap.[AbstractMultiValuedMap](http://docs.google.com/org/apache/commons/collections4/multimap/AbstractMultiValuedMap.html)<K,V> (implements org.apache.commons.collections4.[MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html)<K,V>)
    - org.apache.commons.collections4.multimap.[AbstractListValuedMap](http://docs.google.com/org/apache/commons/collections4/multimap/AbstractListValuedMap.html)<K,V> (implements org.apache.commons.collections4.[ListValuedMap](http://docs.google.com/org/apache/commons/collections4/ListValuedMap.html)<K,V>)
      * org.apache.commons.collections4.multimap.[ArrayListValuedHashMap](http://docs.google.com/org/apache/commons/collections4/multimap/ArrayListValuedHashMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.multimap.[AbstractSetValuedMap](http://docs.google.com/org/apache/commons/collections4/multimap/AbstractSetValuedMap.html)<K,V> (implements org.apache.commons.collections4.[SetValuedMap](http://docs.google.com/org/apache/commons/collections4/SetValuedMap.html)<K,V>)
      * org.apache.commons.collections4.multimap.[HashSetValuedHashMap](http://docs.google.com/org/apache/commons/collections4/multimap/HashSetValuedHashMap.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.multimap.[AbstractMultiValuedMapDecorator](http://docs.google.com/org/apache/commons/collections4/multimap/AbstractMultiValuedMapDecorator.html)<K,V> (implements org.apache.commons.collections4.[MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.multimap.[TransformedMultiValuedMap](http://docs.google.com/org/apache/commons/collections4/multimap/TransformedMultiValuedMap.html)<K,V>
    - org.apache.commons.collections4.multimap.[UnmodifiableMultiValuedMap](http://docs.google.com/org/apache/commons/collections4/multimap/UnmodifiableMultiValuedMap.html)<K,V> (implements org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.iterators.[AbstractOrderedMapIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractOrderedMapIteratorDecorator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V>)
  + org.apache.commons.collections4.properties.[AbstractPropertiesFactory](http://docs.google.com/org/apache/commons/collections4/properties/AbstractPropertiesFactory.html)<T>
    - org.apache.commons.collections4.properties.[PropertiesFactory](http://docs.google.com/org/apache/commons/collections4/properties/PropertiesFactory.html)
    - org.apache.commons.collections4.properties.[SortedPropertiesFactory](http://docs.google.com/org/apache/commons/collections4/properties/SortedPropertiesFactory.html)
  + org.apache.commons.collections4.functors.[AbstractQuantifierPredicate](http://docs.google.com/org/apache/commons/collections4/functors/AbstractQuantifierPredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.functors.[AllPredicate](http://docs.google.com/org/apache/commons/collections4/functors/AllPredicate.html)<T>
    - org.apache.commons.collections4.functors.[AnyPredicate](http://docs.google.com/org/apache/commons/collections4/functors/AnyPredicate.html)<T>
    - org.apache.commons.collections4.functors.[NonePredicate](http://docs.google.com/org/apache/commons/collections4/functors/NonePredicate.html)<T>
    - org.apache.commons.collections4.functors.[OnePredicate](http://docs.google.com/org/apache/commons/collections4/functors/OnePredicate.html)<T>
  + org.apache.commons.collections4.iterators.[AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html)<I,O> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
    - org.apache.commons.collections4.iterators.[AbstractIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractIteratorDecorator.html)<E>
      * org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.EntrySetIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.EntrySetIterator.html)<K,V>
      * org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.KeySetIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.KeySetIterator.html)<K>
      * org.apache.commons.collections4.bidimap.[AbstractDualBidiMap.ValuesIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.ValuesIterator.html)<V>
      * org.apache.commons.collections4.multiset.[AbstractMapMultiSet.UniqueSetIterator](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMapMultiSet.UniqueSetIterator.html)<E>
      * org.apache.commons.collections4.iterators.[SkippingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/SkippingIterator.html)<E>
  + org.apache.commons.collections4.functors.[AndPredicate](http://docs.google.com/org/apache/commons/collections4/functors/AndPredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[ArrayIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ArrayIterator.html)<E> (implements org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.iterators.[ArrayListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ArrayListIterator.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.[BagUtils](http://docs.google.com/org/apache/commons/collections4/BagUtils.html)
  + org.apache.commons.collections4.comparators.[BooleanComparator](http://docs.google.com/org/apache/commons/collections4/comparators/BooleanComparator.html) (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[BoundedIterator](http://docs.google.com/org/apache/commons/collections4/iterators/BoundedIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.functors.[CatchAndRethrowClosure](http://docs.google.com/org/apache/commons/collections4/functors/CatchAndRethrowClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>)
  + org.apache.commons.collections4.functors.[ChainedClosure](http://docs.google.com/org/apache/commons/collections4/functors/ChainedClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ChainedTransformer](http://docs.google.com/org/apache/commons/collections4/functors/ChainedTransformer.html)<T> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[CloneTransformer](http://docs.google.com/org/apache/commons/collections4/functors/CloneTransformer.html)<T> (implements org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[ClosureTransformer](http://docs.google.com/org/apache/commons/collections4/functors/ClosureTransformer.html)<T> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.[ClosureUtils](http://docs.google.com/org/apache/commons/collections4/ClosureUtils.html)
  + org.apache.commons.collections4.iterators.[CollatingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/CollatingIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.[CollectionUtils](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html)
  + org.apache.commons.collections4.comparators.[ComparableComparator](http://docs.google.com/org/apache/commons/collections4/comparators/ComparableComparator.html)<E> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.comparators.[ComparatorChain](http://docs.google.com/org/apache/commons/collections4/comparators/ComparatorChain.html)<E> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ComparatorPredicate](http://docs.google.com/org/apache/commons/collections4/functors/ComparatorPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.[ComparatorUtils](http://docs.google.com/org/apache/commons/collections4/ComparatorUtils.html)
  + org.apache.commons.collections4.collection.[CompositeCollection](http://docs.google.com/org/apache/commons/collections4/collection/CompositeCollection.html)<E> (implements java.util.[Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true)<E>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.set.[CompositeSet](http://docs.google.com/org/apache/commons/collections4/set/CompositeSet.html)<E> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
  + org.apache.commons.collections4.functors.[ConstantFactory](http://docs.google.com/org/apache/commons/collections4/functors/ConstantFactory.html)<T> (implements org.apache.commons.collections4.[Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ConstantTransformer](http://docs.google.com/org/apache/commons/collections4/functors/ConstantTransformer.html)<I,O> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[DefaultEquator](http://docs.google.com/org/apache/commons/collections4/functors/DefaultEquator.html)<T> (implements org.apache.commons.collections4.[Equator](http://docs.google.com/org/apache/commons/collections4/Equator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + java.util.[Dictionary](https://docs.oracle.com/javase/7/docs/api/java/util/Dictionary.html?is-external=true)<K,V>
    - java.util.[Hashtable](https://docs.oracle.com/javase/7/docs/api/java/util/Hashtable.html?is-external=true)<K,V> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), java.util.[Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
      * java.util.[Properties](https://docs.oracle.com/javase/7/docs/api/java/util/Properties.html?is-external=true)
        + org.apache.commons.collections4.properties.[SortedProperties](http://docs.google.com/org/apache/commons/collections4/properties/SortedProperties.html)
  + org.apache.commons.collections4.bidimap.[DualTreeBidiMap.BidiOrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/DualTreeBidiMap.BidiOrderedMapIterator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.sequence.[EditCommand](http://docs.google.com/org/apache/commons/collections4/sequence/EditCommand.html)<T>
    - org.apache.commons.collections4.sequence.[DeleteCommand](http://docs.google.com/org/apache/commons/collections4/sequence/DeleteCommand.html)<T>
    - org.apache.commons.collections4.sequence.[InsertCommand](http://docs.google.com/org/apache/commons/collections4/sequence/InsertCommand.html)<T>
    - org.apache.commons.collections4.sequence.[KeepCommand](http://docs.google.com/org/apache/commons/collections4/sequence/KeepCommand.html)<T>
  + org.apache.commons.collections4.sequence.[EditScript](http://docs.google.com/org/apache/commons/collections4/sequence/EditScript.html)<T>
  + org.apache.commons.collections4.iterators.[EmptyIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyIterator.html)<E> (implements org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[EmptyListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyListIterator.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[EmptyOrderedIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyOrderedIterator.html)<E> (implements org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[EntrySetMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EntrySetMapIterator.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.map.[EntrySetToMapIteratorAdapter](http://docs.google.com/org/apache/commons/collections4/map/EntrySetToMapIteratorAdapter.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.map.[AbstractSortedMapDecorator.SortedMapIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractSortedMapDecorator.SortedMapIterator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V>)
  + org.apache.commons.collections4.iterators.[EnumerationIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EnumerationIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.[EnumerationUtils](http://docs.google.com/org/apache/commons/collections4/EnumerationUtils.html)
  + org.apache.commons.collections4.functors.[EqualPredicate](http://docs.google.com/org/apache/commons/collections4/functors/EqualPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ExceptionClosure](http://docs.google.com/org/apache/commons/collections4/functors/ExceptionClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ExceptionFactory](http://docs.google.com/org/apache/commons/collections4/functors/ExceptionFactory.html)<T> (implements org.apache.commons.collections4.[Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ExceptionPredicate](http://docs.google.com/org/apache/commons/collections4/functors/ExceptionPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[ExceptionTransformer](http://docs.google.com/org/apache/commons/collections4/functors/ExceptionTransformer.html)<I,O> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[FactoryTransformer](http://docs.google.com/org/apache/commons/collections4/functors/FactoryTransformer.html)<I,O> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.[FactoryUtils](http://docs.google.com/org/apache/commons/collections4/FactoryUtils.html)
  + org.apache.commons.collections4.functors.[FalsePredicate](http://docs.google.com/org/apache/commons/collections4/functors/FalsePredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[FilterIterator](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
    - org.apache.commons.collections4.iterators.[UniqueFilterIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UniqueFilterIterator.html)<E>
  + org.apache.commons.collections4.iterators.[FilterListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/FilterListIterator.html)<E> (implements java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.comparators.[FixedOrderComparator](http://docs.google.com/org/apache/commons/collections4/comparators/FixedOrderComparator.html)<T> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.map.[Flat3Map](http://docs.google.com/org/apache/commons/collections4/map/Flat3Map.html)<K,V> (implements java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.[FluentIterable](http://docs.google.com/org/apache/commons/collections4/FluentIterable.html)<E> (implements java.lang.[Iterable](https://docs.oracle.com/javase/7/docs/api/java/lang/Iterable.html?is-external=true)<T>)
  + org.apache.commons.collections4.functors.[ForClosure](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>)
  + org.apache.commons.collections4.functors.[IdentityPredicate](http://docs.google.com/org/apache/commons/collections4/functors/IdentityPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[IfClosure](http://docs.google.com/org/apache/commons/collections4/functors/IfClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[IfTransformer](http://docs.google.com/org/apache/commons/collections4/functors/IfTransformer.html)<I,O> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[InstanceofPredicate](http://docs.google.com/org/apache/commons/collections4/functors/InstanceofPredicate.html) (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[InstantiateFactory](http://docs.google.com/org/apache/commons/collections4/functors/InstantiateFactory.html)<T> (implements org.apache.commons.collections4.[Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<T>)
  + org.apache.commons.collections4.functors.[InstantiateTransformer](http://docs.google.com/org/apache/commons/collections4/functors/InstantiateTransformer.html)<T> (implements org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[InvokerTransformer](http://docs.google.com/org/apache/commons/collections4/functors/InvokerTransformer.html)<I,O> (implements org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.[IterableUtils](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html)
  + org.apache.commons.collections4.iterators.[IteratorChain](http://docs.google.com/org/apache/commons/collections4/iterators/IteratorChain.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.iterators.[IteratorEnumeration](http://docs.google.com/org/apache/commons/collections4/iterators/IteratorEnumeration.html)<E> (implements java.util.[Enumeration](https://docs.oracle.com/javase/7/docs/api/java/util/Enumeration.html?is-external=true)<E>)
  + org.apache.commons.collections4.iterators.[IteratorIterable](http://docs.google.com/org/apache/commons/collections4/iterators/IteratorIterable.html)<E> (implements java.lang.[Iterable](https://docs.oracle.com/javase/7/docs/api/java/lang/Iterable.html?is-external=true)<T>)
  + org.apache.commons.collections4.[IteratorUtils](http://docs.google.com/org/apache/commons/collections4/IteratorUtils.html)
  + org.apache.commons.collections4.trie.[KeyAnalyzer](http://docs.google.com/org/apache/commons/collections4/trie/KeyAnalyzer.html)<K> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.trie.analyzer.[StringKeyAnalyzer](http://docs.google.com/org/apache/commons/collections4/trie/analyzer/StringKeyAnalyzer.html)
  + org.apache.commons.collections4.iterators.[LazyIteratorChain](http://docs.google.com/org/apache/commons/collections4/iterators/LazyIteratorChain.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.iterators.[ListIteratorWrapper](http://docs.google.com/org/apache/commons/collections4/iterators/ListIteratorWrapper.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.[ListUtils](http://docs.google.com/org/apache/commons/collections4/ListUtils.html)
  + org.apache.commons.collections4.iterators.[LoopingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/LoopingIterator.html)<E> (implements org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[LoopingListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/LoopingListIterator.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.set.[MapBackedSet](http://docs.google.com/org/apache/commons/collections4/set/MapBackedSet.html)<E,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), java.util.[Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true)<E>)
  + org.apache.commons.collections4.functors.[MapTransformer](http://docs.google.com/org/apache/commons/collections4/functors/MapTransformer.html)<I,O> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.[MapUtils](http://docs.google.com/org/apache/commons/collections4/MapUtils.html)
  + org.apache.commons.collections4.keyvalue.[MultiKey](http://docs.google.com/org/apache/commons/collections4/keyvalue/MultiKey.html)<K> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.[MultiMapUtils](http://docs.google.com/org/apache/commons/collections4/MultiMapUtils.html)
  + org.apache.commons.collections4.[MultiSetUtils](http://docs.google.com/org/apache/commons/collections4/MultiSetUtils.html)
  + org.apache.commons.collections4.iterators.[NodeListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/NodeListIterator.html) (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.functors.[NOPClosure](http://docs.google.com/org/apache/commons/collections4/functors/NOPClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[NOPTransformer](http://docs.google.com/org/apache/commons/collections4/functors/NOPTransformer.html)<T> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[NotNullPredicate](http://docs.google.com/org/apache/commons/collections4/functors/NotNullPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[NotPredicate](http://docs.google.com/org/apache/commons/collections4/functors/NotPredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.comparators.[NullComparator](http://docs.google.com/org/apache/commons/collections4/comparators/NullComparator.html)<E> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[NullIsExceptionPredicate](http://docs.google.com/org/apache/commons/collections4/functors/NullIsExceptionPredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[NullIsFalsePredicate](http://docs.google.com/org/apache/commons/collections4/functors/NullIsFalsePredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[NullIsTruePredicate](http://docs.google.com/org/apache/commons/collections4/functors/NullIsTruePredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[NullPredicate](http://docs.google.com/org/apache/commons/collections4/functors/NullPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[ObjectArrayIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ObjectArrayIterator.html)<E> (implements org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
    - org.apache.commons.collections4.iterators.[ObjectArrayListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ObjectArrayListIterator.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[ObjectGraphIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ObjectGraphIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.functors.[OrPredicate](http://docs.google.com/org/apache/commons/collections4/functors/OrPredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.map.[PassiveExpiringMap.ConstantTimeToLiveExpirationPolicy](http://docs.google.com/org/apache/commons/collections4/map/PassiveExpiringMap.ConstantTimeToLiveExpirationPolicy.html)<K,V> (implements org.apache.commons.collections4.map.[PassiveExpiringMap.ExpirationPolicy](http://docs.google.com/org/apache/commons/collections4/map/PassiveExpiringMap.ExpirationPolicy.html)<K,V>)
  + org.apache.commons.collections4.iterators.[PeekingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/PeekingIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.iterators.[PermutationIterator](http://docs.google.com/org/apache/commons/collections4/iterators/PermutationIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.collection.[PredicatedCollection.Builder](http://docs.google.com/org/apache/commons/collections4/collection/PredicatedCollection.Builder.html)<E>
  + org.apache.commons.collections4.functors.[PredicateTransformer](http://docs.google.com/org/apache/commons/collections4/functors/PredicateTransformer.html)<T> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.[PredicateUtils](http://docs.google.com/org/apache/commons/collections4/PredicateUtils.html)
  + org.apache.commons.collections4.functors.[PrototypeFactory](http://docs.google.com/org/apache/commons/collections4/functors/PrototypeFactory.html)
  + org.apache.commons.collections4.iterators.[PushbackIterator](http://docs.google.com/org/apache/commons/collections4/iterators/PushbackIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.[QueueUtils](http://docs.google.com/org/apache/commons/collections4/QueueUtils.html)
  + org.apache.commons.collections4.sequence.[ReplacementsFinder](http://docs.google.com/org/apache/commons/collections4/sequence/ReplacementsFinder.html)<T> (implements org.apache.commons.collections4.sequence.[CommandVisitor](http://docs.google.com/org/apache/commons/collections4/sequence/CommandVisitor.html)<T>)
  + org.apache.commons.collections4.comparators.[ReverseComparator](http://docs.google.com/org/apache/commons/collections4/comparators/ReverseComparator.html)<E> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[ReverseListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ReverseListIterator.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.sequence.[SequencesComparator](http://docs.google.com/org/apache/commons/collections4/sequence/SequencesComparator.html)<T>
  + org.apache.commons.collections4.[SetUtils](http://docs.google.com/org/apache/commons/collections4/SetUtils.html)
  + org.apache.commons.collections4.iterators.[SingletonIterator](http://docs.google.com/org/apache/commons/collections4/iterators/SingletonIterator.html)<E> (implements org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.iterators.[SingletonListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/SingletonListIterator.html)<E> (implements org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E>)
  + org.apache.commons.collections4.map.[SingletonMap](http://docs.google.com/org/apache/commons/collections4/map/SingletonMap.html)<K,V> (implements org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>, java.lang.[Cloneable](https://docs.oracle.com/javase/7/docs/api/java/lang/Cloneable.html?is-external=true), org.apache.commons.collections4.[KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.[SplitMapUtils](http://docs.google.com/org/apache/commons/collections4/SplitMapUtils.html)
  + org.apache.commons.collections4.functors.[StringValueTransformer](http://docs.google.com/org/apache/commons/collections4/functors/StringValueTransformer.html)<T> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.functors.[SwitchClosure](http://docs.google.com/org/apache/commons/collections4/functors/SwitchClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[SwitchTransformer](http://docs.google.com/org/apache/commons/collections4/functors/SwitchTransformer.html)<I,O> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>)
  + org.apache.commons.collections4.collection.[SynchronizedCollection](http://docs.google.com/org/apache/commons/collections4/collection/SynchronizedCollection.html)<E> (implements java.util.[Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true)<E>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.bag.[SynchronizedBag](http://docs.google.com/org/apache/commons/collections4/bag/SynchronizedBag.html)<E> (implements org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>)
      * org.apache.commons.collections4.bag.[SynchronizedSortedBag](http://docs.google.com/org/apache/commons/collections4/bag/SynchronizedSortedBag.html)<E> (implements org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>)
    - org.apache.commons.collections4.multiset.[SynchronizedMultiSet](http://docs.google.com/org/apache/commons/collections4/multiset/SynchronizedMultiSet.html)<E> (implements org.apache.commons.collections4.[MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html)<E>)
    - org.apache.commons.collections4.queue.[SynchronizedQueue](http://docs.google.com/org/apache/commons/collections4/queue/SynchronizedQueue.html)<E> (implements java.util.[Queue](https://docs.oracle.com/javase/7/docs/api/java/util/Queue.html?is-external=true)<E>)
  + java.lang.[Throwable](https://docs.oracle.com/javase/7/docs/api/java/lang/Throwable.html?is-external=true) (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - java.lang.[Exception](https://docs.oracle.com/javase/7/docs/api/java/lang/Exception.html?is-external=true)
      * java.lang.[RuntimeException](https://docs.oracle.com/javase/7/docs/api/java/lang/RuntimeException.html?is-external=true)
        + org.apache.commons.collections4.[FunctorException](http://docs.google.com/org/apache/commons/collections4/FunctorException.html)
  + org.apache.commons.collections4.keyvalue.[TiedMapEntry](http://docs.google.com/org/apache/commons/collections4/keyvalue/TiedMapEntry.html)<K,V> (implements org.apache.commons.collections4.[KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V>, java.util.[Map.Entry](https://docs.oracle.com/javase/7/docs/api/java/util/Map.Entry.html?is-external=true)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[TransformedPredicate](http://docs.google.com/org/apache/commons/collections4/functors/TransformedPredicate.html)<T> (implements org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[TransformerClosure](http://docs.google.com/org/apache/commons/collections4/functors/TransformerClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[TransformerPredicate](http://docs.google.com/org/apache/commons/collections4/functors/TransformerPredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.[TransformerUtils](http://docs.google.com/org/apache/commons/collections4/TransformerUtils.html)
  + org.apache.commons.collections4.comparators.[TransformingComparator](http://docs.google.com/org/apache/commons/collections4/comparators/TransformingComparator.html)<I,O> (implements java.util.[Comparator](https://docs.oracle.com/javase/7/docs/api/java/util/Comparator.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[TransformIterator](http://docs.google.com/org/apache/commons/collections4/iterators/TransformIterator.html)<I,O> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)
  + org.apache.commons.collections4.bidimap.[TreeBidiMap](http://docs.google.com/org/apache/commons/collections4/bidimap/TreeBidiMap.html)<K,V> (implements org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.[TrieUtils](http://docs.google.com/org/apache/commons/collections4/TrieUtils.html)
  + org.apache.commons.collections4.functors.[TruePredicate](http://docs.google.com/org/apache/commons/collections4/functors/TruePredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.functors.[UniquePredicate](http://docs.google.com/org/apache/commons/collections4/functors/UniquePredicate.html)<T> (implements org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
  + org.apache.commons.collections4.iterators.[UnmodifiableIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UnmodifiableIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>, org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.iterators.[UnmodifiableListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UnmodifiableListIterator.html)<E> (implements java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>, org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.iterators.[UnmodifiableMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UnmodifiableMapIterator.html)<K,V> (implements org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>, org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.iterators.[UnmodifiableOrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UnmodifiableOrderedMapIterator.html)<K,V> (implements org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V>, org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.trie.[UnmodifiableTrie](http://docs.google.com/org/apache/commons/collections4/trie/UnmodifiableTrie.html)<K,V> (implements java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true), org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>, org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html))
  + org.apache.commons.collections4.functors.[WhileClosure](http://docs.google.com/org/apache/commons/collections4/functors/WhileClosure.html)<E> (implements org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>)
  + org.apache.commons.collections4.iterators.[ZippingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ZippingIterator.html)<E> (implements java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>)

## Interface Hierarchy

* org.apache.commons.collections4.[Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<T>
* org.apache.commons.collections4.sequence.[CommandVisitor](http://docs.google.com/org/apache/commons/collections4/sequence/CommandVisitor.html)<T>
* org.apache.commons.collections4.[Equator](http://docs.google.com/org/apache/commons/collections4/Equator.html)<T>
* org.apache.commons.collections4.[Factory](http://docs.google.com/org/apache/commons/collections4/Factory.html)<T>
* org.apache.commons.collections4.[Get](http://docs.google.com/org/apache/commons/collections4/Get.html)<K,V>
  + org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
  + org.apache.commons.collections4.[IterableGet](http://docs.google.com/org/apache/commons/collections4/IterableGet.html)<K,V>
    - org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V> (also extends java.util.[Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K,V>, org.apache.commons.collections4.[Put](http://docs.google.com/org/apache/commons/collections4/Put.html)<K,V>)
      * org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
        + org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)

org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)

* + - * + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
      * org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
        + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
      * org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
        + org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)

org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>

* + - * + org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)

org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)

* + - * + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
        + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
      * org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
        + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V> (also extends org.apache.commons.collections4.[IterableGet](http://docs.google.com/org/apache/commons/collections4/IterableGet.html)<K,V>, java.util.[Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K,V>, org.apache.commons.collections4.[Put](http://docs.google.com/org/apache/commons/collections4/Put.html)<K,V>)
    - org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
      * org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
        + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
  + org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
* java.lang.[Iterable](https://docs.oracle.com/javase/7/docs/api/java/lang/Iterable.html?is-external=true)<T>
  + org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>
    - org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>
  + org.apache.commons.collections4.[BoundedCollection](http://docs.google.com/org/apache/commons/collections4/BoundedCollection.html)<E>
  + java.util.[Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true)<E>
    - org.apache.commons.collections4.[Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html)<E>
      * org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>
    - org.apache.commons.collections4.[BoundedCollection](http://docs.google.com/org/apache/commons/collections4/BoundedCollection.html)<E>
    - org.apache.commons.collections4.[MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html)<E>
    - org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>
  + org.apache.commons.collections4.[MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html)<E>
  + org.apache.commons.collections4.[SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html)<E>
* java.util.[Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>
  + java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>
    - org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E> (also extends org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>
    - org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V> (also extends org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>)
  + org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>
    - org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V> (also extends org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>)
    - org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E> (also extends java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
  + org.apache.commons.collections4.[OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V> (also extends org.apache.commons.collections4.[MapIterator](http://docs.google.com/org/apache/commons/collections4/MapIterator.html)<K,V>, org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>)
  + org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>
    - org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E> (also extends java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>, org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>)
  + org.apache.commons.collections4.[ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E> (also extends java.util.[ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true)<E>, org.apache.commons.collections4.[OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E>, org.apache.commons.collections4.[ResettableIterator](http://docs.google.com/org/apache/commons/collections4/ResettableIterator.html)<E>)
* org.apache.commons.collections4.[KeyValue](http://docs.google.com/org/apache/commons/collections4/KeyValue.html)<K,V>
* java.util.[Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K,V>
  + org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
  + org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V> (also extends org.apache.commons.collections4.[IterableGet](http://docs.google.com/org/apache/commons/collections4/IterableGet.html)<K,V>, org.apache.commons.collections4.[Put](http://docs.google.com/org/apache/commons/collections4/Put.html)<K,V>)
    - org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
      * org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
        + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
  + org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
* org.apache.commons.collections4.[MultiSet.Entry](http://docs.google.com/org/apache/commons/collections4/MultiSet.Entry.html)<E>
* org.apache.commons.collections4.[MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html)<K,V>
  + org.apache.commons.collections4.[ListValuedMap](http://docs.google.com/org/apache/commons/collections4/ListValuedMap.html)<K,V>
  + org.apache.commons.collections4.[SetValuedMap](http://docs.google.com/org/apache/commons/collections4/SetValuedMap.html)<K,V>
* org.apache.commons.collections4.[Predicate](http://docs.google.com/org/apache/commons/collections4/Predicate.html)<T>
  + org.apache.commons.collections4.functors.[PredicateDecorator](http://docs.google.com/org/apache/commons/collections4/functors/PredicateDecorator.html)<T>
* org.apache.commons.collections4.[Put](http://docs.google.com/org/apache/commons/collections4/Put.html)<K,V>
  + org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
  + org.apache.commons.collections4.[IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html)<K,V> (also extends org.apache.commons.collections4.[IterableGet](http://docs.google.com/org/apache/commons/collections4/IterableGet.html)<K,V>, java.util.[Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[BoundedMap](http://docs.google.com/org/apache/commons/collections4/BoundedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
      * org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
        + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
      * org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
        + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V>
  + org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>, org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html)<K,V>
    - org.apache.commons.collections4.[IterableSortedMap](http://docs.google.com/org/apache/commons/collections4/IterableSortedMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
      * org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
    - org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html)<K,V>)
      * org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
    - org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
  + org.apache.commons.collections4.[SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html)<K,V> (also extends org.apache.commons.collections4.[OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html)<K,V>, java.util.[SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true)<K,V>)
  + org.apache.commons.collections4.[Trie](http://docs.google.com/org/apache/commons/collections4/Trie.html)<K,V>
* org.apache.commons.collections4.sequence.[ReplacementsHandler](http://docs.google.com/org/apache/commons/collections4/sequence/ReplacementsHandler.html)<T>
* java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true)
  + org.apache.commons.collections4.collection.[CompositeCollection.CollectionMutator](http://docs.google.com/org/apache/commons/collections4/collection/CompositeCollection.CollectionMutator.html)<E>
  + org.apache.commons.collections4.map.[CompositeMap.MapMutator](http://docs.google.com/org/apache/commons/collections4/map/CompositeMap.MapMutator.html)<K,V>
  + org.apache.commons.collections4.set.[CompositeSet.SetMutator](http://docs.google.com/org/apache/commons/collections4/set/CompositeSet.SetMutator.html)<E>
  + org.apache.commons.collections4.map.[PassiveExpiringMap.ExpirationPolicy](http://docs.google.com/org/apache/commons/collections4/map/PassiveExpiringMap.ExpirationPolicy.html)<K,V>
* org.apache.commons.collections4.[Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<I,O>
* org.apache.commons.collections4.[Unmodifiable](http://docs.google.com/org/apache/commons/collections4/Unmodifiable.html)

## Enum Hierarchy

* java.lang.[Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + java.lang.[Enum](https://docs.oracle.com/javase/7/docs/api/java/lang/Enum.html?is-external=true)<E> (implements java.lang.[Comparable](https://docs.oracle.com/javase/7/docs/api/java/lang/Comparable.html?is-external=true)<T>, java.io.[Serializable](https://docs.oracle.com/javase/7/docs/api/java/io/Serializable.html?is-external=true))
    - org.apache.commons.collections4.comparators.[FixedOrderComparator.UnknownObjectBehavior](http://docs.google.com/org/apache/commons/collections4/comparators/FixedOrderComparator.UnknownObjectBehavior.html)
    - org.apache.commons.collections4.functors.[ComparatorPredicate.Criterion](http://docs.google.com/org/apache/commons/collections4/functors/ComparatorPredicate.Criterion.html)
    - org.apache.commons.collections4.map.[AbstractReferenceMap.ReferenceStrength](http://docs.google.com/org/apache/commons/collections4/map/AbstractReferenceMap.ReferenceStrength.html)

[Skip navigation links](#tyjcwt)

* [Overview](http://docs.google.com/overview-summary.html)
* Package
* Class
* Use
* Tree
* [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?overview-tree.html)
* [No Frames](http://docs.google.com/overview-tree.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

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