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Uses of Package

org.apache.commons.collections4.collection

* Packages that use [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html)

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| * Package | * Description |
| * [org.apache.commons.collections4.bag](#3znysh7) | * This package contains implementations of the [Bag](http://docs.google.com/org/apache/commons/collections4/Bag.html) and [SortedBag](http://docs.google.com/org/apache/commons/collections4/SortedBag.html) interfaces. |
| * [org.apache.commons.collections4.bidimap](#2et92p0) | * This package contains implementations of the [BidiMap](http://docs.google.com/org/apache/commons/collections4/BidiMap.html), [OrderedBidiMap](http://docs.google.com/org/apache/commons/collections4/OrderedBidiMap.html) and [SortedBidiMap](http://docs.google.com/org/apache/commons/collections4/SortedBidiMap.html) interfaces. |
| * [org.apache.commons.collections4.collection](#tyjcwt) | * This package contains implementations of the [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) interface. |
| * [org.apache.commons.collections4.list](#3dy6vkm) | * This package contains implementations of the [List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true) interface. |
| * [org.apache.commons.collections4.map](#1t3h5sf) | * This package contains implementations of the [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true), [IterableMap](http://docs.google.com/org/apache/commons/collections4/IterableMap.html), [OrderedMap](http://docs.google.com/org/apache/commons/collections4/OrderedMap.html) and [SortedMap](https://docs.oracle.com/javase/7/docs/api/java/util/SortedMap.html?is-external=true) interfaces. |
| * [org.apache.commons.collections4.multiset](#4d34og8) | * This package contains implementations of the [MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html) interface. |
| * [org.apache.commons.collections4.queue](#2s8eyo1) | * This package contains implementations for the [Queue](https://docs.oracle.com/javase/7/docs/api/java/util/Queue.html?is-external=true) interface. |
| * [org.apache.commons.collections4.set](#17dp8vu) | * This package contains implementations of the [Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true), [SortedSet](https://docs.oracle.com/javase/7/docs/api/java/util/SortedSet.html?is-external=true) and [NavigableSet](https://docs.oracle.com/javase/7/docs/api/java/util/NavigableSet.html?is-external=true) interfaces. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.bag](http://docs.google.com/org/apache/commons/collections4/bag/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.bag) Decorates another Collection to provide additional behaviour. |
| * [PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.html#org.apache.commons.collections4.bag) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to validate that additions match a specified predicate. |
| * [SynchronizedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/SynchronizedCollection.html#org.apache.commons.collections4.bag) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to synchronize its behaviour for a multi-threaded environment. |
| * [TransformedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/TransformedCollection.html#org.apache.commons.collections4.bag) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to transform objects that are added. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.bidimap](http://docs.google.com/org/apache/commons/collections4/bidimap/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.bidimap) Decorates another Collection to provide additional behaviour. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.collection) Decorates another Collection to provide additional behaviour. |
| * [CompositeCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/CompositeCollection.html#org.apache.commons.collections4.collection) Decorates a collection of other collections to provide a single unified view. |
| * [CompositeCollection.CollectionMutator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/CompositeCollection.CollectionMutator.html#org.apache.commons.collections4.collection) Pluggable strategy to handle changes to the composite. |
| * [IndexedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/IndexedCollection.html#org.apache.commons.collections4.collection) An IndexedCollection is a Map-like view onto a Collection. |
| * [PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.html#org.apache.commons.collections4.collection) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to validate that additions match a specified predicate. |
| * [PredicatedCollection.Builder](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.Builder.html#org.apache.commons.collections4.collection) Builder for creating predicated collections. |
| * [SynchronizedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/SynchronizedCollection.html#org.apache.commons.collections4.collection) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to synchronize its behaviour for a multi-threaded environment. |
| * [TransformedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/TransformedCollection.html#org.apache.commons.collections4.collection) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to transform objects that are added. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.list](http://docs.google.com/org/apache/commons/collections4/list/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.list) Decorates another Collection to provide additional behaviour. |
| * [PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.html#org.apache.commons.collections4.list) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to validate that additions match a specified predicate. |
| * [TransformedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/TransformedCollection.html#org.apache.commons.collections4.list) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to transform objects that are added. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.map) Decorates another Collection to provide additional behaviour. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.multiset](http://docs.google.com/org/apache/commons/collections4/multiset/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.multiset) Decorates another Collection to provide additional behaviour. |
| * [PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.html#org.apache.commons.collections4.multiset) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to validate that additions match a specified predicate. |
| * [SynchronizedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/SynchronizedCollection.html#org.apache.commons.collections4.multiset) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to synchronize its behaviour for a multi-threaded environment. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.queue](http://docs.google.com/org/apache/commons/collections4/queue/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.queue) Decorates another Collection to provide additional behaviour. |
| * [PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.html#org.apache.commons.collections4.queue) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to validate that additions match a specified predicate. |
| * [SynchronizedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/SynchronizedCollection.html#org.apache.commons.collections4.queue) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to synchronize its behaviour for a multi-threaded environment. |
| * [TransformedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/TransformedCollection.html#org.apache.commons.collections4.queue) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to transform objects that are added. |

* Classes in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) used by [org.apache.commons.collections4.set](http://docs.google.com/org/apache/commons/collections4/set/package-summary.html)

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| * Class and Description |
| * [AbstractCollectionDecorator](http://docs.google.com/org/apache/commons/collections4/collection/class-use/AbstractCollectionDecorator.html#org.apache.commons.collections4.set) Decorates another Collection to provide additional behaviour. |
| * [PredicatedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/PredicatedCollection.html#org.apache.commons.collections4.set) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to validate that additions match a specified predicate. |
| * [TransformedCollection](http://docs.google.com/org/apache/commons/collections4/collection/class-use/TransformedCollection.html#org.apache.commons.collections4.set) Decorates another [Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true) to transform objects that are added. |

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