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Uses of Package

org.apache.commons.collections4.iterators

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

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| * Package | * Description |
| * [org.apache.commons.collections4](#3znysh7) | * This package contains the interfaces and utilities shared across all the subpackages of this component. |
| * [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.iterators](#tyjcwt) | * This package contains implementations of the [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.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.multiset](#1t3h5sf) | * This package contains implementations of the [MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html) interface. |

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

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| * Class and Description |
| * [BoundedIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/BoundedIterator.html#org.apache.commons.collections4) Decorates another iterator to return elements in a specific range. |
| * [NodeListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/NodeListIterator.html#org.apache.commons.collections4) An [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true) over a [NodeList](https://docs.oracle.com/javase/7/docs/api/org/w3c/dom/NodeList.html?is-external=true). |
| * [SkippingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/SkippingIterator.html#org.apache.commons.collections4) Decorates another iterator to skip the first N elements. |
| * [ZippingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/ZippingIterator.html#org.apache.commons.collections4) Provides an interleaved iteration over the elements contained in a collection of Iterators. |

* Classes in [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/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 |
| * [AbstractIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractIteratorDecorator.html#org.apache.commons.collections4.bidimap) Provides basic behaviour for decorating an iterator with extra functionality. |
| * [AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractUntypedIteratorDecorator.html#org.apache.commons.collections4.bidimap) Provides basic behaviour for decorating an iterator with extra functionality without committing the generic type of the Iterator implementation. |

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

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| * Class and Description |
| * [AbstractEmptyMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractEmptyMapIterator.html#org.apache.commons.collections4.iterators) Provides an implementation of an empty map iterator. |
| * [AbstractIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractIteratorDecorator.html#org.apache.commons.collections4.iterators) Provides basic behaviour for decorating an iterator with extra functionality. |
| * [AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractUntypedIteratorDecorator.html#org.apache.commons.collections4.iterators) Provides basic behaviour for decorating an iterator with extra functionality without committing the generic type of the Iterator implementation. |
| * [ArrayIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/ArrayIterator.html#org.apache.commons.collections4.iterators) Implements an [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true) over any array. |
| * [FilterIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/FilterIterator.html#org.apache.commons.collections4.iterators) Decorates another [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true) using a predicate to filter elements. |
| * [ObjectArrayIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/ObjectArrayIterator.html#org.apache.commons.collections4.iterators) An [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true) over an array of objects. |
| * [PeekingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/PeekingIterator.html#org.apache.commons.collections4.iterators) Decorates an iterator to support one-element lookahead while iterating. |
| * [PushbackIterator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/PushbackIterator.html#org.apache.commons.collections4.iterators) Decorates an iterator to support pushback of elements. |

* Classes in [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/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 |
| * [AbstractListIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractListIteratorDecorator.html#org.apache.commons.collections4.list) Provides basic behaviour for decorating a list iterator with extra functionality. |

* Classes in [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/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 |
| * [AbstractIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractIteratorDecorator.html#org.apache.commons.collections4.multiset) Provides basic behaviour for decorating an iterator with extra functionality. |
| * [AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/class-use/AbstractUntypedIteratorDecorator.html#org.apache.commons.collections4.multiset) Provides basic behaviour for decorating an iterator with extra functionality without committing the generic type of the Iterator implementation. |

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