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Uses of Class

org.apache.commons.collections4.iterators.AbstractUntypedIteratorDecorator

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

|  |  |
| --- | --- |
| * Package | * Description |
| * [org.apache.commons.collections4.bidimap](#3znysh7) | * 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](#2et92p0) | * 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.multiset](#tyjcwt) | * This package contains implementations of the [MultiSet](http://docs.google.com/org/apache/commons/collections4/MultiSet.html) interface. |

### Uses of [**AbstractUntypedIteratorDecorator**](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html) in [**org.apache.commons.collections4.bidimap**](http://docs.google.com/org/apache/commons/collections4/bidimap/package-summary.html)Subclasses of [AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html) in [org.apache.commons.collections4.bidimap](http://docs.google.com/org/apache/commons/collections4/bidimap/package-summary.html)

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| * + Modifier and Type | * + Class and Description |
| * + protected static class | * + [AbstractDualBidiMap.EntrySetIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.EntrySetIterator.html)<K,V> Inner class EntrySetIterator. |
| * + protected static class | * + [AbstractDualBidiMap.KeySetIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.KeySetIterator.html)<K> Inner class KeySetIterator. |
| * + protected static class | * + [AbstractDualBidiMap.ValuesIterator](http://docs.google.com/org/apache/commons/collections4/bidimap/AbstractDualBidiMap.ValuesIterator.html)<V> Inner class ValuesIterator. |

### Uses of [**AbstractUntypedIteratorDecorator**](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html) in [**org.apache.commons.collections4.iterators**](http://docs.google.com/org/apache/commons/collections4/iterators/package-summary.html)Subclasses of [AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html) in [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/package-summary.html)

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| * + Modifier and Type | * + Class and Description |
| * + class | * + [AbstractIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractIteratorDecorator.html)<E> Provides basic behaviour for decorating an iterator with extra functionality. |
| * + class | * + [SkippingIterator](http://docs.google.com/org/apache/commons/collections4/iterators/SkippingIterator.html)<E> Decorates another iterator to skip the first N elements. |

### Uses of [**AbstractUntypedIteratorDecorator**](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html) in [**org.apache.commons.collections4.multiset**](http://docs.google.com/org/apache/commons/collections4/multiset/package-summary.html)Subclasses of [AbstractUntypedIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractUntypedIteratorDecorator.html) in [org.apache.commons.collections4.multiset](http://docs.google.com/org/apache/commons/collections4/multiset/package-summary.html)

|  |  |
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| * + Modifier and Type | * + Class and Description |
| * + protected static class | * + [AbstractMapMultiSet.UniqueSetIterator](http://docs.google.com/org/apache/commons/collections4/multiset/AbstractMapMultiSet.UniqueSetIterator.html)<E> Inner class UniqueSetIterator. |

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