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Deprecated API

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* Deprecated Interfaces

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| * Interface and Description |
| * [org.apache.commons.collections4.MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html) since 4.1, use [MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html) instead |

* Deprecated Classes

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| * Class and Description |
| * [org.apache.commons.collections4.ArrayStack](http://docs.google.com/org/apache/commons/collections4/ArrayStack.html) use [ArrayDeque](https://docs.oracle.com/javase/7/docs/api/java/util/ArrayDeque.html?is-external=true) instead (available from Java 1.6) |
| * [org.apache.commons.collections4.map.MultiValueMap](http://docs.google.com/org/apache/commons/collections4/map/MultiValueMap.html) since 4.1, use [MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html) instead |

* Deprecated Methods

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| --- |
| * Method and Description |
| * [org.apache.commons.collections4.CollectionUtils.cardinality(O, Iterable<? super O>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#cardinality-O-java.lang.Iterable-) since 4.1, use [IterableUtils.frequency(Iterable, Object)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#frequency-java.lang.Iterable-T-) instead. Be aware that the order of parameters has changed. |
| * [org.apache.commons.collections4.CollectionUtils.countMatches(Iterable<C>, Predicate<? super C>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#countMatches-java.lang.Iterable-org.apache.commons.collections4.Predicate-) since 4.1, use [IterableUtils.countMatches(Iterable, Predicate)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#countMatches-java.lang.Iterable-org.apache.commons.collections4.Predicate-) instead |
| * [org.apache.commons.collections4.CollectionUtils.exists(Iterable<C>, Predicate<? super C>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#exists-java.lang.Iterable-org.apache.commons.collections4.Predicate-) since 4.1, use [IterableUtils.matchesAny(Iterable, Predicate)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#matchesAny-java.lang.Iterable-org.apache.commons.collections4.Predicate-) instead |
| * [org.apache.commons.collections4.CollectionUtils.find(Iterable<T>, Predicate<? super T>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#find-java.lang.Iterable-org.apache.commons.collections4.Predicate-) since 4.1, use [IterableUtils.find(Iterable, Predicate)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#find-java.lang.Iterable-org.apache.commons.collections4.Predicate-) instead |
| * [org.apache.commons.collections4.CollectionUtils.forAllButLastDo(Iterable<T>, C)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#forAllButLastDo-java.lang.Iterable-C-) since 4.1, use [IterableUtils.forEachButLast(Iterable, Closure)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#forEachButLast-java.lang.Iterable-org.apache.commons.collections4.Closure-) instead |
| * [org.apache.commons.collections4.CollectionUtils.forAllButLastDo(Iterator<T>, C)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#forAllButLastDo-java.util.Iterator-C-) since 4.1, use [IteratorUtils.forEachButLast(Iterator, Closure)](http://docs.google.com/org/apache/commons/collections4/IteratorUtils.html#forEachButLast-java.util.Iterator-org.apache.commons.collections4.Closure-) instead |
| * [org.apache.commons.collections4.CollectionUtils.forAllDo(Iterable<T>, C)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#forAllDo-java.lang.Iterable-C-) since 4.1, use [IterableUtils.forEach(Iterable, Closure)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#forEach-java.lang.Iterable-org.apache.commons.collections4.Closure-) instead |
| * [org.apache.commons.collections4.CollectionUtils.forAllDo(Iterator<T>, C)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#forAllDo-java.util.Iterator-C-) since 4.1, use [IteratorUtils.forEach(Iterator, Closure)](http://docs.google.com/org/apache/commons/collections4/IteratorUtils.html#forEach-java.util.Iterator-org.apache.commons.collections4.Closure-) instead |
| * [org.apache.commons.collections4.CollectionUtils.get(Iterable<T>, int)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#get-java.lang.Iterable-int-) since 4.1, use IterableUtils.get(Iterable, int) instead |
| * [org.apache.commons.collections4.CollectionUtils.get(Iterator<T>, int)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#get-java.util.Iterator-int-) since 4.1, use IteratorUtils.get(Iterator, int) instead |
| * [org.apache.commons.collections4.CollectionUtils.matchesAll(Iterable<C>, Predicate<? super C>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#matchesAll-java.lang.Iterable-org.apache.commons.collections4.Predicate-) since 4.1, use [IterableUtils.matchesAll(Iterable, Predicate)](http://docs.google.com/org/apache/commons/collections4/IterableUtils.html#matchesAll-java.lang.Iterable-org.apache.commons.collections4.Predicate-) instead |
| * [org.apache.commons.collections4.MapUtils.multiValueMap(Map<K, ? super Collection<V>>)](http://docs.google.com/org/apache/commons/collections4/MapUtils.html#multiValueMap-java.util.Map-) since 4.1, use [MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html) instead |
| * [org.apache.commons.collections4.MapUtils.multiValueMap(Map<K, C>, Class<C>)](http://docs.google.com/org/apache/commons/collections4/MapUtils.html#multiValueMap-java.util.Map-java.lang.Class-) since 4.1, use [MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html) instead |
| * [org.apache.commons.collections4.MapUtils.multiValueMap(Map<K, C>, Factory<C>)](http://docs.google.com/org/apache/commons/collections4/MapUtils.html#multiValueMap-java.util.Map-org.apache.commons.collections4.Factory-) since 4.1, use [MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html) instead |
| * [org.apache.commons.collections4.TransformerUtils.switchTransformer(Predicate<? super I>, Transformer<? super I, ? extends O>, Transformer<? super I, ? extends O>)](http://docs.google.com/org/apache/commons/collections4/TransformerUtils.html#switchTransformer-org.apache.commons.collections4.Predicate-org.apache.commons.collections4.Transformer-org.apache.commons.collections4.Transformer-) as of 4.1, use [TransformerUtils.ifTransformer(Predicate, Transformer, Transformer)](http://docs.google.com/org/apache/commons/collections4/TransformerUtils.html#ifTransformer-org.apache.commons.collections4.Predicate-org.apache.commons.collections4.Transformer-org.apache.commons.collections4.Transformer-) |
| * [org.apache.commons.collections4.CollectionUtils.synchronizedCollection(Collection<C>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#synchronizedCollection-java.util.Collection-) since 4.1, use [Collections.synchronizedCollection(Collection)](https://docs.oracle.com/javase/7/docs/api/java/util/Collections.html?is-external=true#synchronizedCollection-java.util.Collection-) instead |
| * [org.apache.commons.collections4.CollectionUtils.unmodifiableCollection(Collection<? extends C>)](http://docs.google.com/org/apache/commons/collections4/CollectionUtils.html#unmodifiableCollection-java.util.Collection-) since 4.1, use [Collections.unmodifiableCollection(Collection)](https://docs.oracle.com/javase/7/docs/api/java/util/Collections.html?is-external=true#unmodifiableCollection-java.util.Collection-) instead |

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