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Uses of Interface

org.apache.commons.collections4.MultiMap

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

|  |  |
| --- | --- |
| * 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.collection](#2et92p0) | * 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.map](#tyjcwt) | * 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. |

### Uses of [**MultiMap**](http://docs.google.com/org/apache/commons/collections4/MultiMap.html) in [**org.apache.commons.collections4**](http://docs.google.com/org/apache/commons/collections4/package-summary.html)Methods in [org.apache.commons.collections4](http://docs.google.com/org/apache/commons/collections4/package-summary.html) with parameters of type [MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <K,V,E> void | * + MapUtils.[populateMap](http://docs.google.com/org/apache/commons/collections4/MapUtils.html#populateMap-org.apache.commons.collections4.MultiMap-java.lang.Iterable-org.apache.commons.collections4.Transformer-org.apache.commons.collections4.Transformer-)([MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V> map, [Iterable](https://docs.oracle.com/javase/7/docs/api/java/lang/Iterable.html?is-external=true)<? extends E> elements, [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<E,K> keyTransformer, [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<E,V> valueTransformer) Populates a MultiMap using the supplied Transformers to transform the elements into keys and values. |
| * + static <K,V> void | * + MapUtils.[populateMap](http://docs.google.com/org/apache/commons/collections4/MapUtils.html#populateMap-org.apache.commons.collections4.MultiMap-java.lang.Iterable-org.apache.commons.collections4.Transformer-)([MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<K,V> map, [Iterable](https://docs.oracle.com/javase/7/docs/api/java/lang/Iterable.html?is-external=true)<? extends V> elements, [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<V,K> keyTransformer) Populates a MultiMap using the supplied Transformer to transform the elements into keys, using the unaltered element as the value in the MultiMap. |

### Uses of [**MultiMap**](http://docs.google.com/org/apache/commons/collections4/MultiMap.html) in [**org.apache.commons.collections4.collection**](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html)Constructors in [org.apache.commons.collections4.collection](http://docs.google.com/org/apache/commons/collections4/collection/package-summary.html) with parameters of type [MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)

|  |
| --- |
| * + Constructor and Description |
| * + [IndexedCollection](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html#IndexedCollection-java.util.Collection-org.apache.commons.collections4.Transformer-org.apache.commons.collections4.MultiMap-boolean-)([Collection](https://docs.oracle.com/javase/7/docs/api/java/util/Collection.html?is-external=true)<[C](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html)> coll, [Transformer](http://docs.google.com/org/apache/commons/collections4/Transformer.html)<[C](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html),[K](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html)> keyTransformer, [MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)<[K](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html),[C](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html)> map, boolean uniqueIndex) Create a [IndexedCollection](http://docs.google.com/org/apache/commons/collections4/collection/IndexedCollection.html). |

### Uses of [**MultiMap**](http://docs.google.com/org/apache/commons/collections4/MultiMap.html) in [**org.apache.commons.collections4.map**](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html)Classes in [org.apache.commons.collections4.map](http://docs.google.com/org/apache/commons/collections4/map/package-summary.html) that implement [MultiMap](http://docs.google.com/org/apache/commons/collections4/MultiMap.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + class | * + [MultiValueMap](http://docs.google.com/org/apache/commons/collections4/map/MultiValueMap.html)<K,V> Deprecated.  since 4.1, use [MultiValuedMap](http://docs.google.com/org/apache/commons/collections4/MultiValuedMap.html) instead |

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* [All Classes](http://docs.google.com/allclasses-noframe.html)

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