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Package org.apache.commons.collections4.splitmap

The "split map" concept is that of an object that implements the [Put](http://docs.google.com/org/apache/commons/collections4/Put.html) and [Get](http://docs.google.com/org/apache/commons/collections4/Get.html) interfaces, with *differing* generic types.

See: [Description](#3znysh7)

* Class Summary

|  |  |
| --- | --- |
| * Class | * Description |
| * [AbstractIterableGetMapDecorator](http://docs.google.com/org/apache/commons/collections4/splitmap/AbstractIterableGetMapDecorator.html)<K,V> | * [IterableGet](http://docs.google.com/org/apache/commons/collections4/IterableGet.html) that uses a [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true)<K, V> for the [Get](http://docs.google.com/org/apache/commons/collections4/Get.html)<K, V> implementation. |
| * [TransformedSplitMap](http://docs.google.com/org/apache/commons/collections4/splitmap/TransformedSplitMap.html)<J,K,U,V> | * Decorates another [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true) to transform objects that are added. |

## Package org.apache.commons.collections4.splitmap Description

The "split map" concept is that of an object that implements the [Put](http://docs.google.com/org/apache/commons/collections4/Put.html) and [Get](http://docs.google.com/org/apache/commons/collections4/Get.html) interfaces, with *differing* generic types. This is like a pre-generics [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true) whose input key/value constraints are different than its output key/value constraints. While it would be possible to declare a "split map" with matching input/output key/value constraints, this would be a [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true) and would therefore make little sense (any Commons Collections [Map](https://docs.oracle.com/javase/7/docs/api/java/util/Map.html?is-external=true) implementation will also implement [Put](http://docs.google.com/org/apache/commons/collections4/Put.html) and [Get](http://docs.google.com/org/apache/commons/collections4/Get.html) with matching generic parameters).

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