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

Classes

* [AbstractEmptyMapIterator](http://docs.google.com/AbstractEmptyMapIterator.html)
* [AbstractIteratorDecorator](http://docs.google.com/AbstractIteratorDecorator.html)
* [AbstractListIteratorDecorator](http://docs.google.com/AbstractListIteratorDecorator.html)
* [AbstractMapIteratorDecorator](http://docs.google.com/AbstractMapIteratorDecorator.html)
* [AbstractOrderedMapIteratorDecorator](http://docs.google.com/AbstractOrderedMapIteratorDecorator.html)
* [AbstractUntypedIteratorDecorator](http://docs.google.com/AbstractUntypedIteratorDecorator.html)
* [ArrayIterator](http://docs.google.com/ArrayIterator.html)
* [ArrayListIterator](http://docs.google.com/ArrayListIterator.html)
* [BoundedIterator](http://docs.google.com/BoundedIterator.html)
* [CollatingIterator](http://docs.google.com/CollatingIterator.html)
* [EmptyIterator](http://docs.google.com/EmptyIterator.html)
* [EmptyListIterator](http://docs.google.com/EmptyListIterator.html)
* [EmptyMapIterator](http://docs.google.com/EmptyMapIterator.html)
* [EmptyOrderedIterator](http://docs.google.com/EmptyOrderedIterator.html)
* [EmptyOrderedMapIterator](http://docs.google.com/EmptyOrderedMapIterator.html)
* [EntrySetMapIterator](http://docs.google.com/EntrySetMapIterator.html)
* [EnumerationIterator](http://docs.google.com/EnumerationIterator.html)
* [FilterIterator](http://docs.google.com/FilterIterator.html)
* [FilterListIterator](http://docs.google.com/FilterListIterator.html)
* [IteratorChain](http://docs.google.com/IteratorChain.html)
* [IteratorEnumeration](http://docs.google.com/IteratorEnumeration.html)
* [IteratorIterable](http://docs.google.com/IteratorIterable.html)
* [LazyIteratorChain](http://docs.google.com/LazyIteratorChain.html)
* [ListIteratorWrapper](http://docs.google.com/ListIteratorWrapper.html)
* [LoopingIterator](http://docs.google.com/LoopingIterator.html)
* [LoopingListIterator](http://docs.google.com/LoopingListIterator.html)
* [NodeListIterator](http://docs.google.com/NodeListIterator.html)
* [ObjectArrayIterator](http://docs.google.com/ObjectArrayIterator.html)
* [ObjectArrayListIterator](http://docs.google.com/ObjectArrayListIterator.html)
* [ObjectGraphIterator](http://docs.google.com/ObjectGraphIterator.html)
* [PeekingIterator](http://docs.google.com/PeekingIterator.html)
* [PermutationIterator](http://docs.google.com/PermutationIterator.html)
* [PushbackIterator](http://docs.google.com/PushbackIterator.html)
* [ReverseListIterator](http://docs.google.com/ReverseListIterator.html)
* [SingletonIterator](http://docs.google.com/SingletonIterator.html)
* [SingletonListIterator](http://docs.google.com/SingletonListIterator.html)
* [SkippingIterator](http://docs.google.com/SkippingIterator.html)
* [TransformIterator](http://docs.google.com/TransformIterator.html)
* [UniqueFilterIterator](http://docs.google.com/UniqueFilterIterator.html)
* [UnmodifiableIterator](http://docs.google.com/UnmodifiableIterator.html)
* [UnmodifiableListIterator](http://docs.google.com/UnmodifiableListIterator.html)
* [UnmodifiableMapIterator](http://docs.google.com/UnmodifiableMapIterator.html)
* [UnmodifiableOrderedMapIterator](http://docs.google.com/UnmodifiableOrderedMapIterator.html)
* [ZippingIterator](http://docs.google.com/ZippingIterator.html)