JavaScript is disabled on your browser.

[Skip navigation links](#1fob9te)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)
* Use
* [Tree](http://docs.google.com/overview-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/class-use/OrderedIterator.html)
* [No Frames](http://docs.google.com/OrderedIterator.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

Uses of Interface

org.apache.commons.collections4.OrderedIterator

* Packages that use [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.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.bidimap](#2et92p0) | * 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](#tyjcwt) | * 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.list](#3dy6vkm) | * This package contains implementations of the [List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true) interface. |
| * [org.apache.commons.collections4.map](#1t3h5sf) | * 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. |
| * [org.apache.commons.collections4.set](#4d34og8) | * This package contains implementations of the [Set](https://docs.oracle.com/javase/7/docs/api/java/util/Set.html?is-external=true), [SortedSet](https://docs.oracle.com/javase/7/docs/api/java/util/SortedSet.html?is-external=true) and [NavigableSet](https://docs.oracle.com/javase/7/docs/api/java/util/NavigableSet.html?is-external=true) interfaces. |

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

|  |  |
| --- | --- |
| * + Modifier and Type | * + Interface and Description |
| * + interface | * + [OrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/OrderedMapIterator.html)<K,V> Defines an iterator that operates over an ordered Map. |
| * + interface | * + [ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html)<E> Defines a list iterator that can be reset back to an initial state. |

* + Fields in [org.apache.commons.collections4](http://docs.google.com/org/apache/commons/collections4/package-summary.html) declared as [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + static [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html) | * + IteratorUtils.[EMPTY\_ORDERED\_ITERATOR](http://docs.google.com/org/apache/commons/collections4/IteratorUtils.html#EMPTY_ORDERED_ITERATOR) An ordered iterator over no elements. |

* + Methods in [org.apache.commons.collections4](http://docs.google.com/org/apache/commons/collections4/package-summary.html) that return [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <E> [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E> | * + IteratorUtils.[emptyOrderedIterator](http://docs.google.com/org/apache/commons/collections4/IteratorUtils.html#emptyOrderedIterator--)() Gets an empty ordered iterator. |

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

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

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

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + class | * + [AbstractOrderedMapIteratorDecorator](http://docs.google.com/org/apache/commons/collections4/iterators/AbstractOrderedMapIteratorDecorator.html)<K,V> Provides basic behaviour for decorating an ordered map iterator with extra functionality. |
| * + class | * + [ArrayListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ArrayListIterator.html)<E> Implements a [ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true) over an array. |
| * + class | * + [EmptyListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyListIterator.html)<E> Provides an implementation of an empty list iterator. |
| * + class | * + [EmptyOrderedIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyOrderedIterator.html)<E> Provides an implementation of an empty ordered iterator. |
| * + class | * + [EmptyOrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyOrderedMapIterator.html)<K,V> Provides an implementation of an empty ordered map iterator. |
| * + class | * + [ListIteratorWrapper](http://docs.google.com/org/apache/commons/collections4/iterators/ListIteratorWrapper.html)<E> Converts an [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true) into a [ResettableListIterator](http://docs.google.com/org/apache/commons/collections4/ResettableListIterator.html). |
| * + class | * + [LoopingListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/LoopingListIterator.html)<E> A ListIterator that restarts when it reaches the end or when it reaches the beginning. |
| * + class | * + [ObjectArrayListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ObjectArrayListIterator.html)<E> Implements a [ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true) over an array of objects. |
| * + class | * + [ReverseListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/ReverseListIterator.html)<E> Iterates backwards through a List, starting with the last element and continuing to the first. |
| * + class | * + [SingletonListIterator](http://docs.google.com/org/apache/commons/collections4/iterators/SingletonListIterator.html)<E> SingletonIterator is an [ListIterator](https://docs.oracle.com/javase/7/docs/api/java/util/ListIterator.html?is-external=true) over a single object instance. |
| * + class | * + [UnmodifiableOrderedMapIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UnmodifiableOrderedMapIterator.html)<K,V> Decorates an ordered map iterator such that it cannot be modified. |

* + Fields in [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/package-summary.html) declared as [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Field and Description |
| * + static [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html) | * + EmptyOrderedIterator.[INSTANCE](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyOrderedIterator.html#INSTANCE) Singleton instance of the iterator. |

* + Methods in [org.apache.commons.collections4.iterators](http://docs.google.com/org/apache/commons/collections4/iterators/package-summary.html) that return [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + static <E> [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<E> | * + EmptyOrderedIterator.[emptyOrderedIterator](http://docs.google.com/org/apache/commons/collections4/iterators/EmptyOrderedIterator.html#emptyOrderedIterator--)() Typed instance of the iterator. |

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

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + protected static class | * + [AbstractLinkedList.LinkedListIterator](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html)<E> A list iterator over the linked list. |
| * + protected static class | * + [AbstractLinkedList.LinkedSubListIterator](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedSubListIterator.html)<E> A list iterator over the linked sub list. |
| * + static class | * + [CursorableLinkedList.Cursor](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html)<E> An extended ListIterator that allows concurrent changes to the underlying list. |
| * + protected static class | * + [CursorableLinkedList.SubCursor](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.SubCursor.html)<E> A cursor for the sublist based on LinkedSubListIterator. |

### Uses of [**OrderedIterator**](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.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 [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Class and Description |
| * + protected static class | * + [AbstractLinkedMap.EntrySetIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.EntrySetIterator.html)<K,V> EntrySet iterator. |
| * + protected static class | * + [AbstractLinkedMap.KeySetIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.KeySetIterator.html)<K> KeySet iterator. |
| * + protected static class | * + [AbstractLinkedMap.LinkMapIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.LinkMapIterator.html)<K,V> MapIterator implementation. |
| * + protected static class | * + [AbstractLinkedMap.ValuesIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractLinkedMap.ValuesIterator.html)<V> Values iterator. |
| * + protected static class | * + [AbstractSortedMapDecorator.SortedMapIterator](http://docs.google.com/org/apache/commons/collections4/map/AbstractSortedMapDecorator.SortedMapIterator.html)<K,V> OrderedMapIterator implementation. |

### Uses of [**OrderedIterator**](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html) in [**org.apache.commons.collections4.set**](http://docs.google.com/org/apache/commons/collections4/set/package-summary.html)Methods in [org.apache.commons.collections4.set](http://docs.google.com/org/apache/commons/collections4/set/package-summary.html) that return [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + [OrderedIterator](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)<[E](http://docs.google.com/org/apache/commons/collections4/set/ListOrderedSet.html)> | * + ListOrderedSet.[iterator](http://docs.google.com/org/apache/commons/collections4/set/ListOrderedSet.html#iterator--)() |

[Skip navigation links](#3rdcrjn)

* [Overview](http://docs.google.com/overview-summary.html)
* [Package](http://docs.google.com/package-summary.html)
* [Class](http://docs.google.com/org/apache/commons/collections4/OrderedIterator.html)
* Use
* [Tree](http://docs.google.com/overview-tree.html)
* [Deprecated](http://docs.google.com/deprecated-list.html)
* [Index](http://docs.google.com/index-all.html)
* [Help](http://docs.google.com/help-doc.html)
* Prev
* Next
* [Frames](http://docs.google.com/index.html?org/apache/commons/collections4/class-use/OrderedIterator.html)
* [No Frames](http://docs.google.com/OrderedIterator.html)
* [All Classes](http://docs.google.com/allclasses-noframe.html)

Copyright © 2001–2019 [The Apache Software Foundation](https://www.apache.org/). All rights reserved.