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org.apache.commons.collections4.iterators

## Class UniqueFilterIterator<E>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + [org.apache.commons.collections4.iterators.FilterIterator](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html)<E>
    - org.apache.commons.collections4.iterators.UniqueFilterIterator<E>
* All Implemented Interfaces: [Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<E>  
    
  public class UniqueFilterIterator<E>  
  extends [FilterIterator](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html)<E>  
  A FilterIterator which only returns "unique" Objects. Internally, the Iterator maintains a Set of objects it has already encountered, and duplicate Objects are skipped.Since: 2.1

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [UniqueFilterIterator](http://docs.google.com/org/apache/commons/collections4/iterators/UniqueFilterIterator.html#UniqueFilterIterator-java.util.Iterator-)([Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<? extends [E](http://docs.google.com/org/apache/commons/collections4/iterators/UniqueFilterIterator.html)> iterator) Constructs a new UniqueFilterIterator. |

### Method Summary

### Methods inherited from class org.apache.commons.collections4.iterators.[**FilterIterator**](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html)[getIterator](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#getIterator--), [getPredicate](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#getPredicate--), [hasNext](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#hasNext--), [next](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#next--), [remove](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#remove--), [setIterator](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#setIterator-java.util.Iterator-), [setPredicate](http://docs.google.com/org/apache/commons/collections4/iterators/FilterIterator.html#setPredicate-org.apache.commons.collections4.Predicate-)

### Methods inherited from class java.lang.[**Object**](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)[clone](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#clone--), [equals](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#equals-java.lang.Object-), [finalize](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#finalize--), [getClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#getClass--), [hashCode](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#hashCode--), [notify](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notify--), [notifyAll](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notifyAll--), [toString](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#toString--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-int-)

### Methods inherited from interface java.util.[**Iterator**](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)[forEachRemaining](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true#forEachRemaining-java.util.function.Consumer-)

### Constructor Detail

#### UniqueFilterIterator public UniqueFilterIterator([Iterator](https://docs.oracle.com/javase/7/docs/api/java/util/Iterator.html?is-external=true)<? extends [E](http://docs.google.com/org/apache/commons/collections4/iterators/UniqueFilterIterator.html)> iterator) Constructs a new UniqueFilterIterator.Parameters: iterator - the iterator to use

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