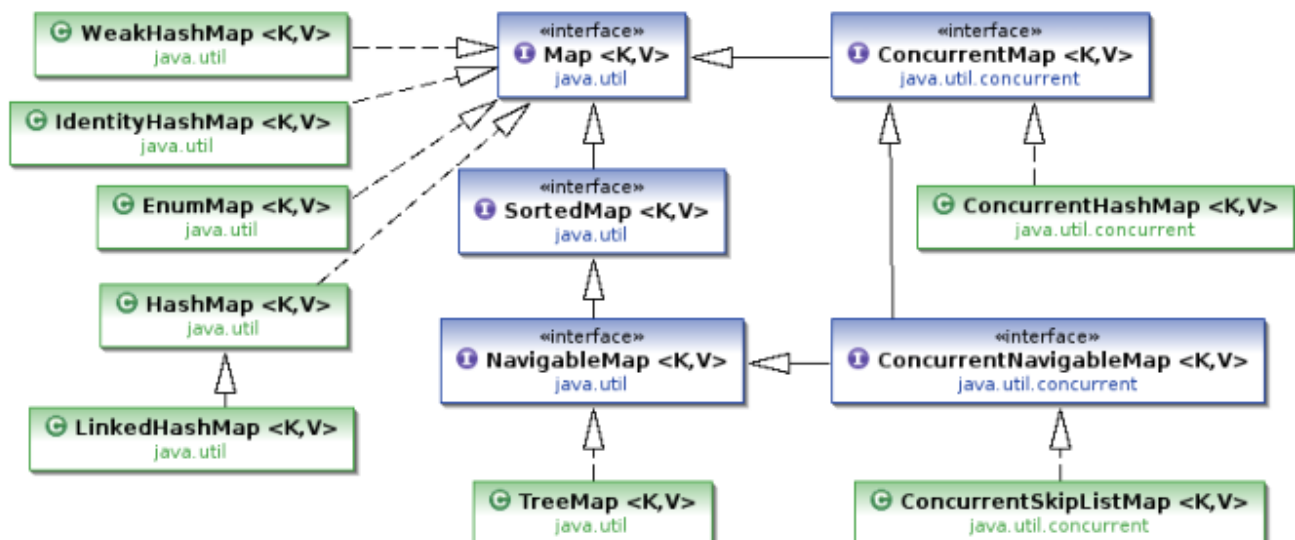
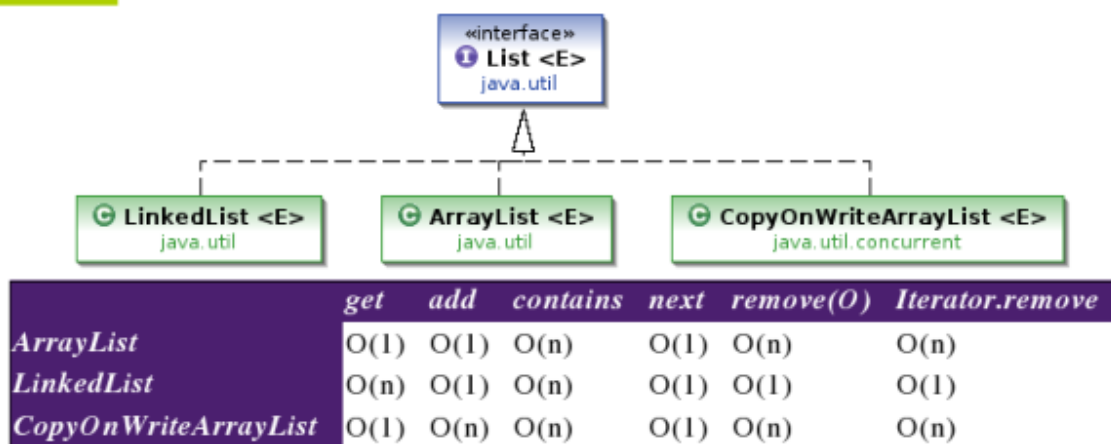
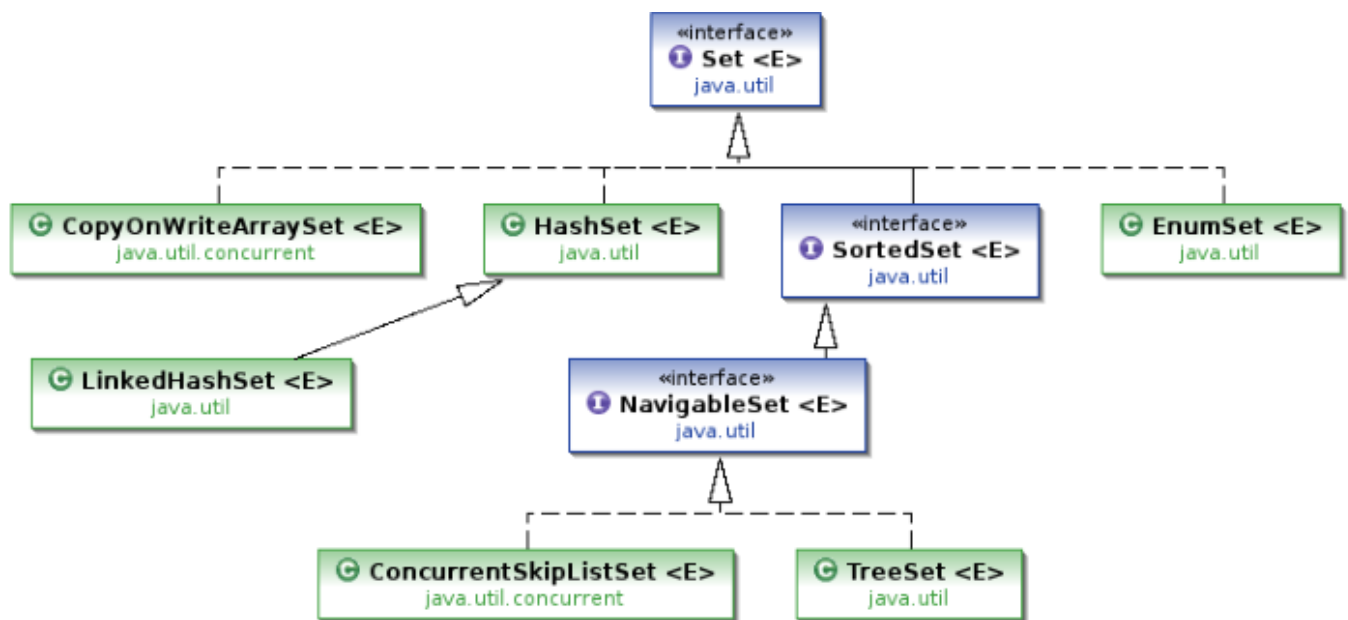


Java Collections - JDK 6.0

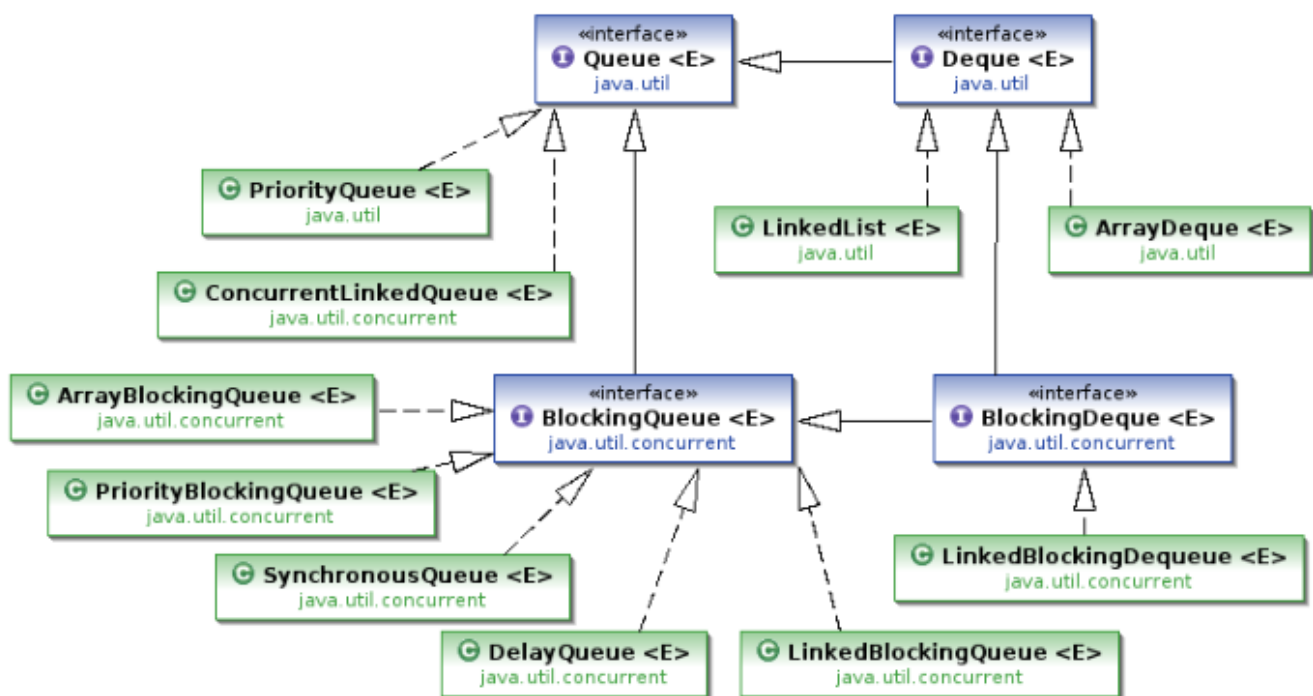
Map	An object that maps keys to values. A map cannot contain duplicate keys; each key can map to at most one value
SortedMap	A Map that further provides a total ordering on its keys
NavigableMap	A SortedMap extended with navigation methods returning the closest matches for given search targets
ConcurrentMap	A Map providing additional atomic putIfAbsent, remove, and replace methods.
ConcurrentNavigableMap	A ConcurrentMap supporting NavigableMap operations, and recursively so for its navigable sub-maps.
List	An ordered collection
Set	A collection that contains no duplicate elements
SortedSet	A Set that further provides a total ordering on its elements
NavigableSet	A SortedSet extended with navigation methods reporting closest matches for given search targets
Queue	A collection designed for holding elements prior to processing
Deque	A linear collection that supports element insertion and removal at both ends
BlockingQueue	A Queue that additionally supports operations that wait for the queue to become non-empty when retrieving an element, and wait for space to become available in the queue when storing an element
BlockingDeque	A Deque that additionally supports blocking operations that wait for the deque to become non-empty when retrieving an element, and wait for space to become available in the deque when storing an element
Collections	This class consists exclusively of static methods that operate on or return collections. It contains polymorphic algorithms that operate on collections, "wrappers", which return a new collection backed by a specified collection, and a few other odds and ends.



	<i>get</i>	<i>containsKey</i>	<i>next</i>	<i>Note</i>
<i>HashMap</i>	O(1)	O(1)	O(h/n)	h is the table capacity
<i>LinkedHashMap</i>	O(1)	O(1)	O(1)	
<i>IdentityHashMap</i>	O(1)	O(1)	O(h/n)	h is the table capacity
<i>EnumMap</i>	O(1)	O(1)	O(1)	
<i>TreeMap</i>	O(log n)	O(log n)	O(log n)	
<i>ConcurrentHashMap</i>	O(1)	O(1)	O(h/n)	h is the table capacity
<i>ConcurrentSkipListMap</i>	O(log n)	O(log n)	O(1)	



	<i>add</i>	<i>contains</i>	<i>next</i>	<i>Note</i>
<i>HashSet</i>	O(1)	O(1)	O(h/n)	h is the table capacity
<i>LinkedHashSet</i>	O(1)	O(1)	O(1)	
<i>CopyOnWriteArraySet</i>	O(n)	O(n)	O(1)	
<i>EnumSet</i>	O(1)	O(1)	O(1)	
<i>TreeSet</i>	O(log n)	O(log n)	O(log n)	
<i>ConcurrentSkipListSet</i>	O(log n)	O(log n)	O(1)	



	<i>offer</i>	<i>peek</i>	<i>poll</i>	<i>size</i>
<i>PriorityQueue</i>	O(log n)	O(1)	O(log n)	O(1)
<i>ConcurrentLinkedQueue</i>	O(1)	O(1)	O(1)	O(n)
<i>ArrayBlockingQueue</i>	O(1)	O(1)	O(1)	O(1)
<i>LinkedBlockingQueue</i>	O(1)	O(1)	O(1)	O(1)
<i>PriorityBlockingQueue</i>	O(log n)	O(1)	O(log n)	O(1)
<i>DelayQueue</i>	O(log n)	O(1)	O(log n)	O(1)
<i>LinkedList</i>	O(1)	O(1)	O(1)	O(1)
<i>ArrayDeque</i>	O(1)	O(1)	O(1)	O(1)
<i>LinkedBlockingDeque</i>	O(1)	O(1)	O(1)	O(1)