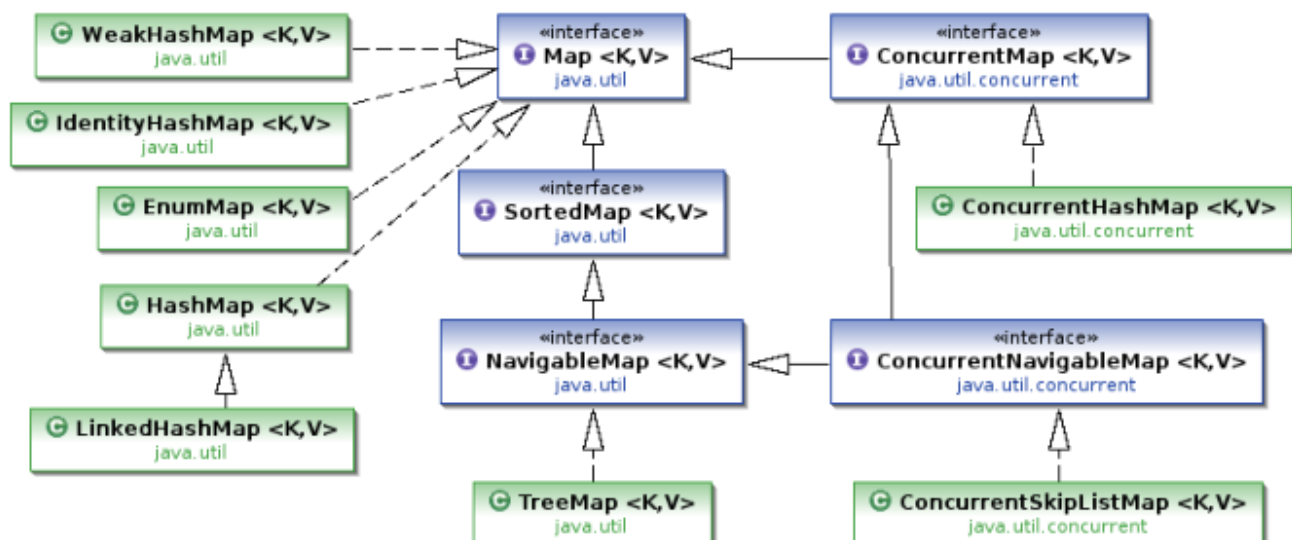
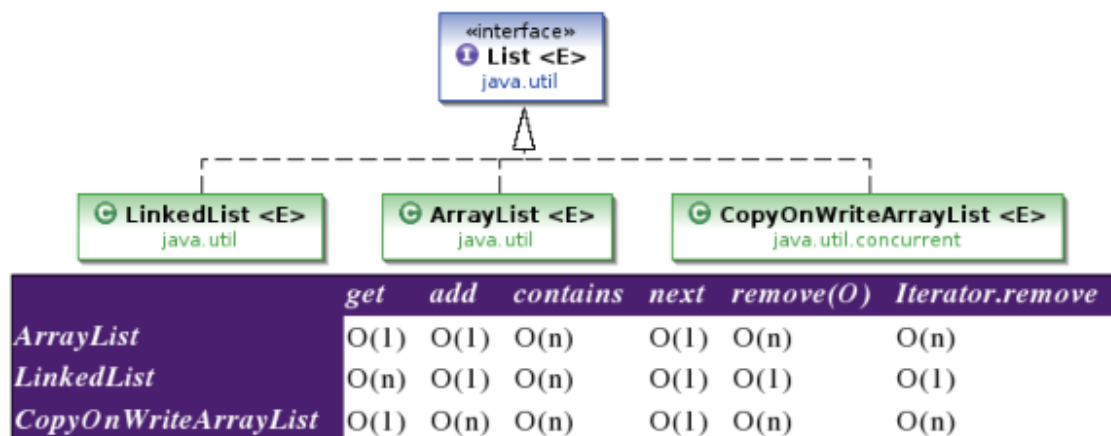
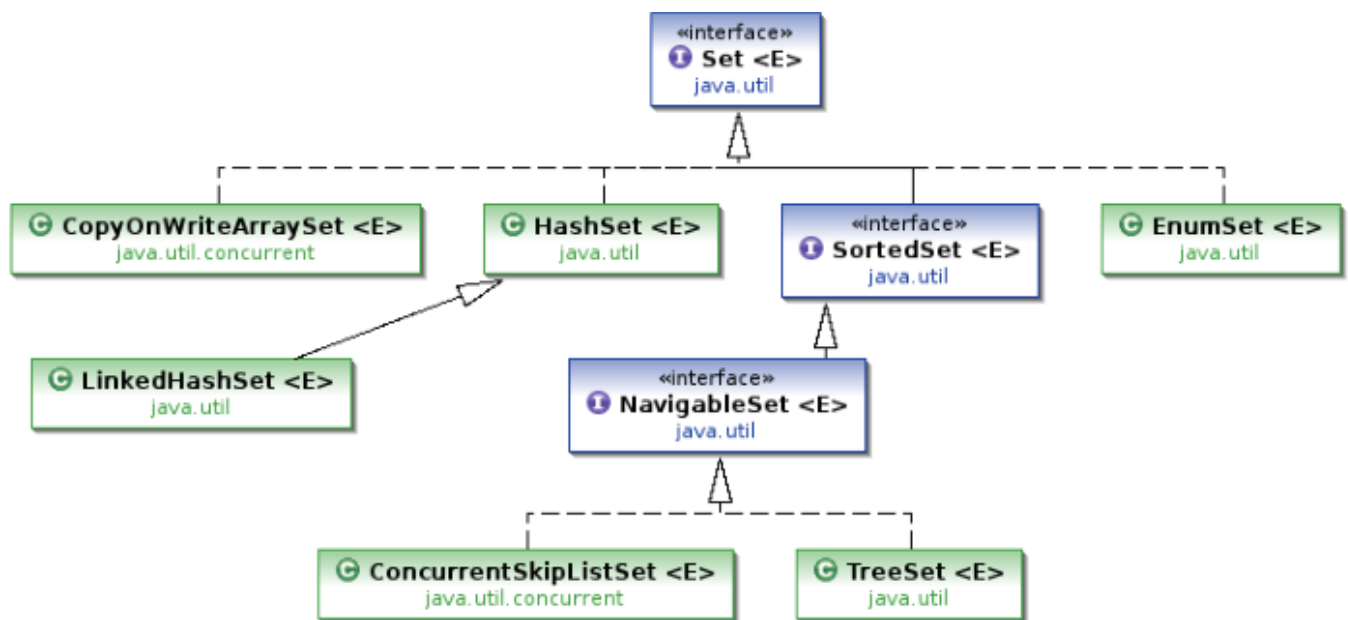


Java Collections - JDK 6.0

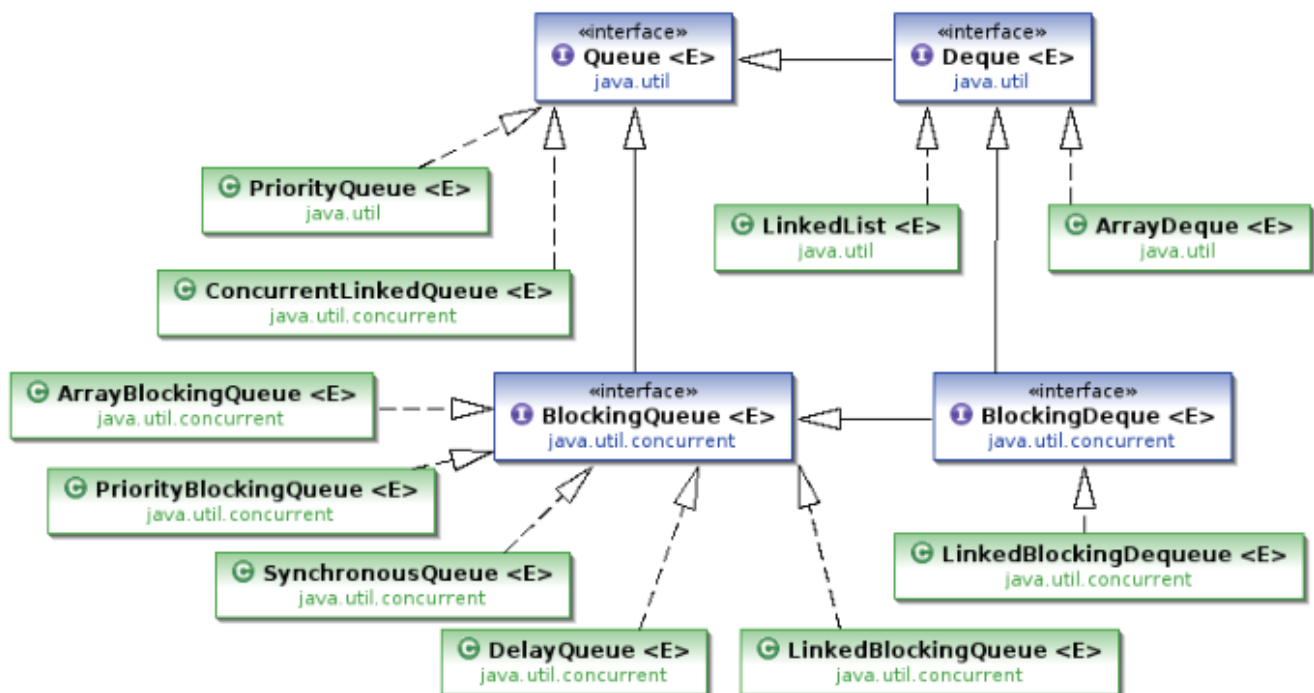
Map	An object that maps keys to values. A map cannot contain duplicate keys; each key can map to at most one value
SortedMap	A Map that further provides a total ordering on its keys
NavigableMap	A SortedMap extended with navigation methods returning the closest matches for given search targets
ConcurrentMap	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



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