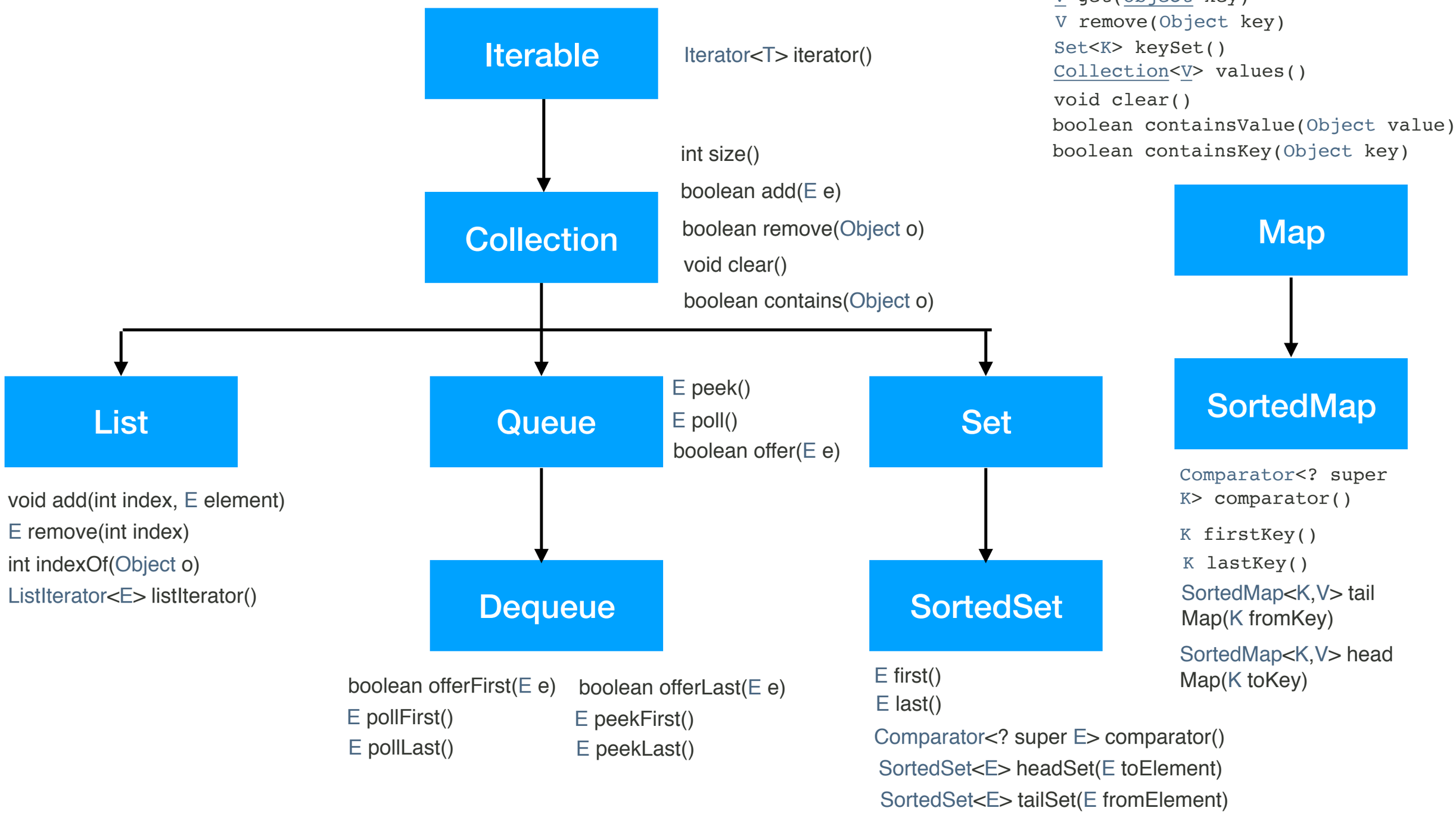
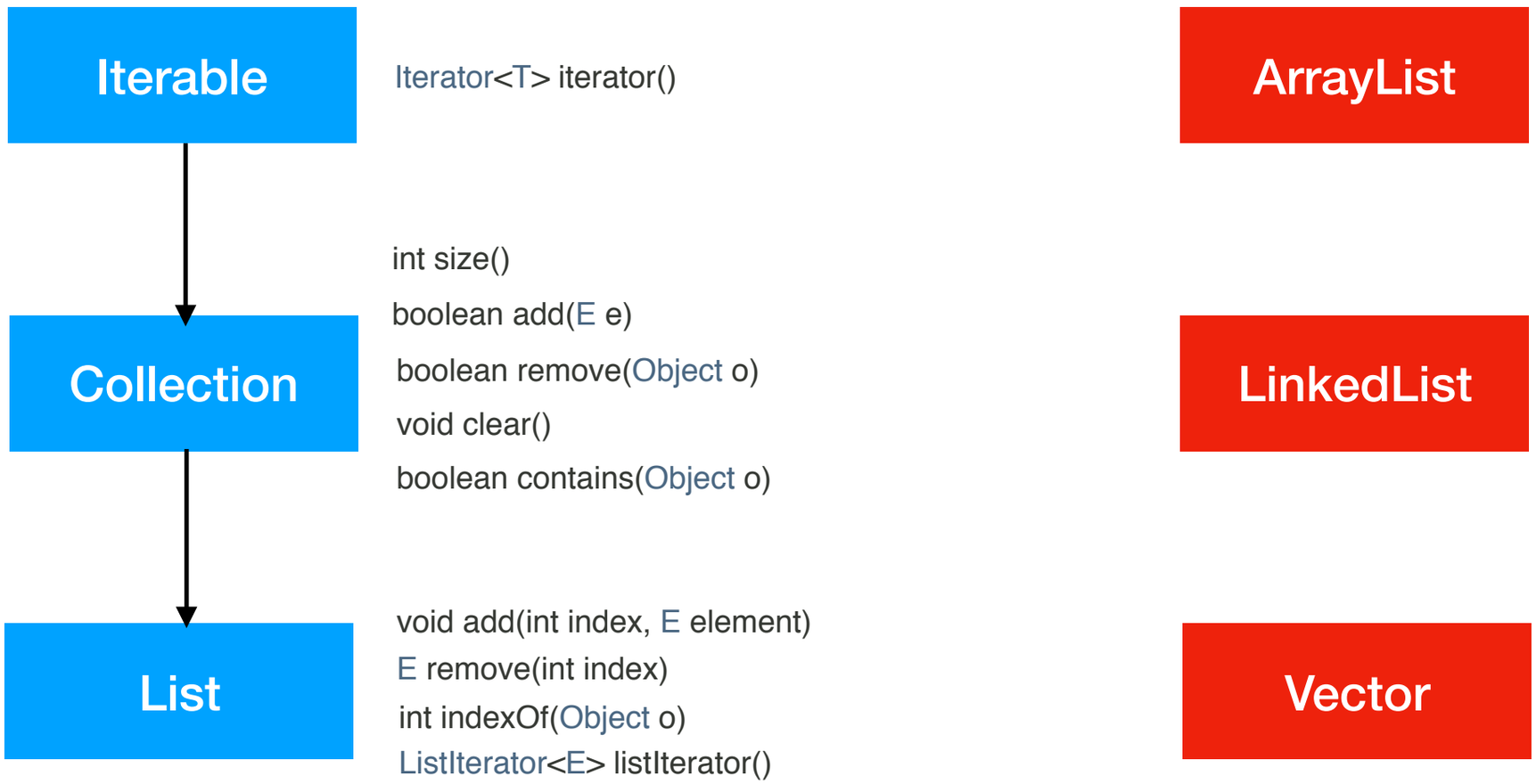
Коллекции

Структуры данных

Collections framework



List


Iterable
Iterator<T> iterator()
ArrayList
int size()
boolean add(E e)
Collection
boolean remove(Object o)
void clear()
boolean contains(Object o)
LinkedList
void add(int index, E element)
E remove(int index)
List
int indexOf(Object o)
ListIterator<E> listIterator()
Vector

Queue

Iterable

Iterator<T> iterator()

Collection

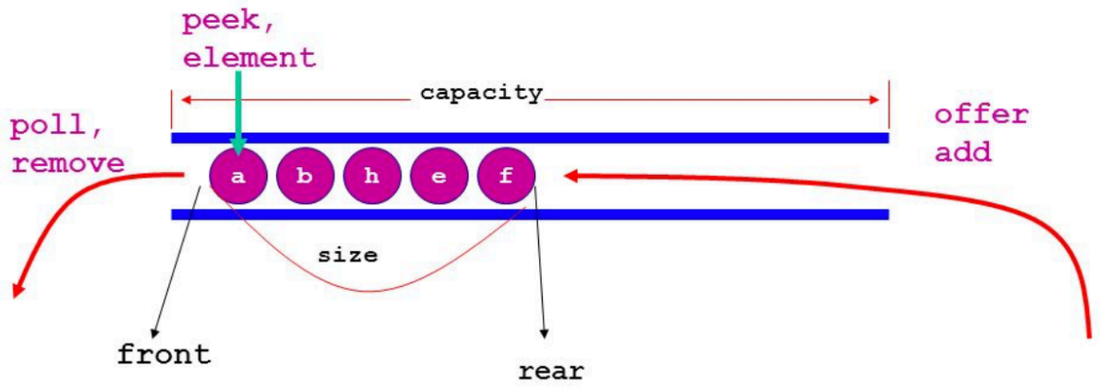
int size()
boolean add(E e)
boolean remove(Object o)
void clear()
boolean contains(Object o)

Queue

E peek()
E poll()
boolean offer(E e)

Dequeue

boolean offerFirst(E e)
E pollFirst()
E pollLast()
boolean offerLast(E e)
E peekFirst()
E peekLast()
void push(E e)
E pop()

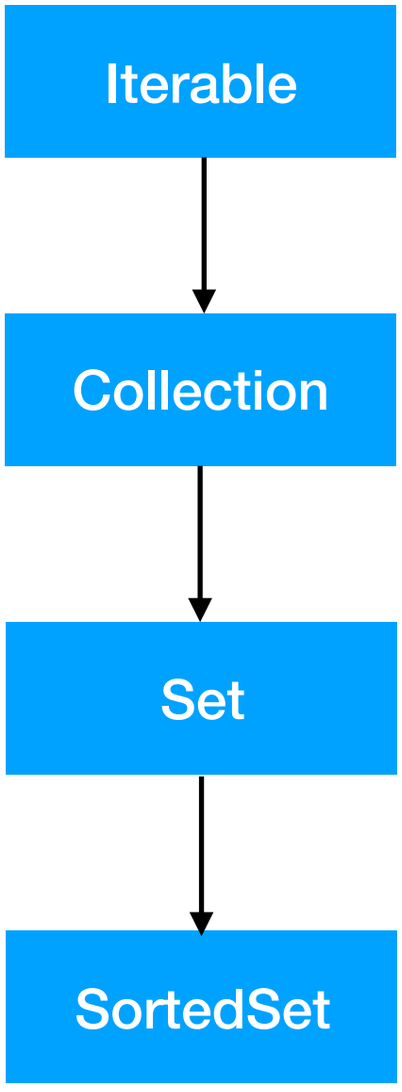


LinkedList

PriorityQueue

ArrayDequeue

Set



Iterator<T> iterator()

int size()

boolean add(E e)

boolean remove(Object o)

void clear()

boolean contains(Object o)

E first()

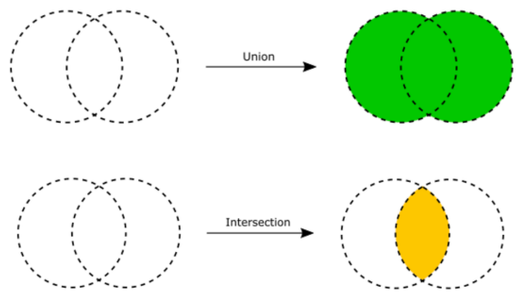
E last()

Comparator<? super E> comparator()

SortedSet<E> headSet(E toElement)

SortedSet<E> tailSet(E fromElement)

HashSet



`set1.addAll(set2)`

`set1.retainAll(set2)`

LinkedHashSet

TreeSet

Map

Map

SortedMap

```
int size()
V put(K key, V value)
V get(Object key)
V remove(Object key)
Set<K> keySet()
Collection<V> values()
void clear()
boolean containsValue(Object value)
boolean containsKey(Object key)
```

```
Comparator<? super K> comparator()
K lastKey()
K firstKey()
SortedMap<K,V> tailMap(K fromKey)
SortedMap<K,V> headMap(K toKey)
```

HashMap

LinkedHashMap

TreeSet