

StablePriorityQueue

class **StablePriorityQueue**[E <: [AnyRef](#)] extends [AbstractQueue](#)[E] with [PriorityQueueStabilizer](#)[E]

StablePriorityQueue is a priority queue that preserves order for elements of equal priority.

Source

[StablePriorityQueue.scala](#)

Linear Supertypes

[PriorityQueueStabilizer](#)[E], [AbstractQueue](#)[E], [Queue](#)[E], [AbstractCollection](#)[E], [Collection](#)[E], [Iterable](#)[E], [AnyRef](#), [Any](#)

Type Hierarchy

Instance Constructors

1. new **StablePriorityQueue**(capacity: [Int](#), cmp: [Comparator](#)[E])
capacity
- the initial capacity of this Queue, needs to be > 0.
cmp
- Comparator for comparing Queue elements

Value Members

1. def add(arg0: E): [Boolean](#)
Definition Classes
[AbstractQueue](#) → [Queue](#) → [AbstractCollection](#) → [Collection](#)
2. def addAll(arg0: [Collection](#)[_ <: E]): [Boolean](#)
Definition Classes

- AbstractQueue → AbstractCollection → Collection
3. val backingQueue: [PriorityQueue](#)[[WrappedElement](#)[E]]
Definition Classes
[StablePriorityQueue](#) → [PriorityQueueStabilizer](#)
 4. def clear(): [Unit](#)
Definition Classes
AbstractQueue → AbstractCollection → Collection
 5. def contains(arg0: [AnyRef](#)): [Boolean](#)
Definition Classes
AbstractCollection → Collection
 6. def containsAll(arg0: [Collection](#)[_ <: [AnyRef](#)]): [Boolean](#)
Definition Classes
AbstractCollection → Collection
 7. def element(): E
Definition Classes
AbstractQueue → Queue
 8. def foreach(arg0: [Consumer](#)[_ >: E <: [AnyRef](#)]): [Unit](#)
Definition Classes
Iterable
 9. def isEmpty(): [Boolean](#)
Definition Classes
AbstractCollection → Collection
 10. def iterator(): [Iterator](#)[E]
Definition Classes
[PriorityQueueStabilizer](#) → AbstractCollection → Collection → Iterable
 11. def offer(e: E): [Boolean](#)
Definition Classes
[PriorityQueueStabilizer](#) → Queue
 12. def parallelStream(): [Stream](#)[E]
Definition Classes
Collection
 13. def peek(): E
Definition Classes
[PriorityQueueStabilizer](#) → Queue
 14. def poll(): E
Definition Classes
[PriorityQueueStabilizer](#) → Queue
 15. def remove(): E
Definition Classes
AbstractQueue → Queue
 16. def remove(arg0: [AnyRef](#)): [Boolean](#)
Definition Classes
AbstractCollection → Collection
 17. def removeAll(arg0: [Collection](#)[_ <: [AnyRef](#)]): [Boolean](#)
Definition Classes
AbstractCollection → Collection
 18. def removeIf(arg0: [Predicate](#)[_ >: E <: [AnyRef](#)]): [Boolean](#)
Definition Classes
Collection
 19. def retainAll(arg0: [Collection](#)[_ <: [AnyRef](#)]): [Boolean](#)
Definition Classes
AbstractCollection → Collection
 20. val seqNum: [AtomicLong](#)
Definition Classes
[PriorityQueueStabilizer](#)
 21. def size(): [Int](#)
Definition Classes
[PriorityQueueStabilizer](#) → AbstractCollection → Collection

- 22. `def spliterator(): Spliterator[E]`
Definition Classes
Collection → Iterable
- 23. `def stream(): Stream[E]`
Definition Classes
Collection
- 24. `def toArray[T <: AnyRef](arg0: Array[T]): Array[T]`
Definition Classes
AbstractCollection → Collection
- 25. `def toArray(): Array[AnyRef]`
Definition Classes
AbstractCollection → Collection
- 26. `def toArray[T <: AnyRef](arg0: IntFunction[Array[T]]): Array[T]`
Definition Classes
Collection
- 27. `def toString(): String`
Definition Classes
AbstractCollection → AnyRef → Any