

StablePriorityBlockingQueue

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

StablePriorityBlockingQueue is a blocking 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](#)

Known Subclasses

[MessageQueue](#)

Type Hierarchy

Instance Constructors

1. `new StablePriorityBlockingQueue(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: [PriorityBlockingQueue](#)[[WrappedElement](#)[E]]
Definition Classes
[StablePriorityBlockingQueue](#) → [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`