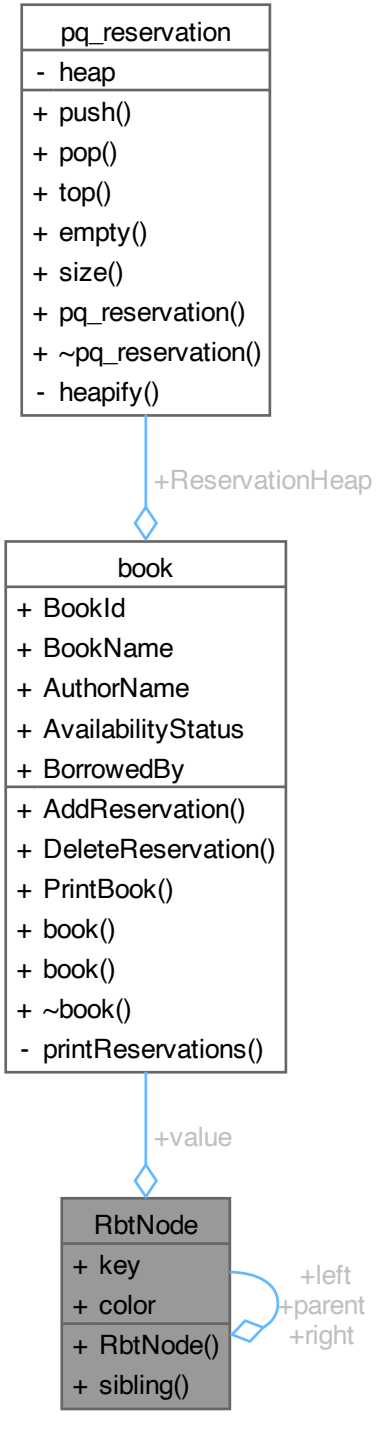
pq_reservation
- heap
+ push()
+ pop()
+ top()
+ empty()
+ size()
+ pq_reservation()
+ ~pq_reservation()
- heapify()
+ReservationHeap
book
+ BookId
+ BookName
+ AuthorName
+ AvailabilityStatus
+ BorrowedBy
+ AddReservation()
+ DeleteReservation()
+ PrintBook()
+ book()
+ book()
+ ~book()
- printReservations()
+value
RbtNode
+ key
+ color
+ RbtNode()
+ sibling()
+left
+parent
+right