Book

- title
- author
- genre
- publicationYear
- ISBN
- available
- fine
- daysCheckedOut

+ Book()
+ Book()
+ getTitle()
+ setTitle()
+ getAuthor()
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+ getGenre()
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  and 11 more...

-books

Inventory

- size

+ Inventory()
+ Inventory()
+ ~Inventory()
+ addBook()
+ removeBook()
+ findBookByISBN()
+ isBookAvailable()
+ listAvailableBooks()
+ listCheckedOutBooks()
+ updateBookAvailablity()
+ countTotalBooks()
+ print()
+ isBookAvailable()
+ findBookByISBN()
+ findBookByTitle()

-inventory

Librarian

- reservations
- checkOut

+ Librarian()
+ checkoutBook()
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+ returnBook()
+ reserveBook()
+ cancelReservation()
+ processReservations()
+ renewBook()
+ processOverdueBooks()
  and 8 more...