Main Activity

-bookList: ArrayLost,Book>

-BookAdapter: BookAdapter

-tvItemCount: TextView

-tvItemCountAbove:TextView

+onCreate(savedInstanceState: Bundle): void

+showAddBookDialog(): void

+showEditBookDialog(position: int): void

+updateTotalCount(): void

+incrementCountTextView(): void

+decrementCountTextView(): void

+deleteSelectedBook(): void

uses

Book

-title: String

-author: String

-genre: String

-publicationYear: int

-status: String

+Book(title: Sting, author: String, genre: String, publicationYear: int, status: String)

+getTitle(): String

+setTitle(title: String): void

+getAuthor(): String

+setAuthor(author: String): void

+getGenre(): String

+setgenre(genre: String): void

+getPublicationYear(): int

+setPublicationYear(year: int): void

+getStatus(): String

+setStatus(status: String): void

BookAdapter

-context: Context

-books: List<Book>

-selectedPosition: int

-editClickListener: EditClickListener

+updateBook(position: int, updatedBook: Book): void

+getView(position: int, convertView: View, parent:ViewGroup): View

+setSelectedPosition(position: int): void

+clearSelectedPosition(): void

+getSelectedPosition(): int

uses