BookRepository

Interface

+findBookByTitle(title: string): Book
+findAllBooks(): List
+addBook(book: Book): void

Book

-title: string
-author: string
-isbn: string

+getCategory(): Category

CategoryType

+enum

BookFileRepository

implements BookRepository
-String filePath
-String delimiter

BookService

+ findAll()
+validate(userInput: any): void
+saveBook(book: Book): void

Controller

View
BookService

+run(): void

View

+update(menu: Menu): void
+printAllBooks(): void
+printBook(bookId: int): void
+addBook(): void

Menu

enum
EXIT
FIND_BY_CATEGORY
ADD_BOOK
UPDATE_BOOK
REMOVE_BOOK

Data Model Directory

-BookRepository
-BookFileRepository

-Book
-Category