

Class BookFileManager

java.lang.Object
BookFileManager

```
public class BookFileManager
extends Object
```

Class to maintain functions for managing the books

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Author:

Ayush Goyal

Field Summary

| Fields | | |
|-------------------------------------|-------|-------------|
| Modifier and Type | Field | Description |
| (package private) static List<Book> | books | |
| (package private) static Scanner | sc | |

Constructor Summary

| Constructors | |
|-------------------|----------------------------|
| Constructor | Description |
| BookFileManager() | To load books to the list. |

Method Summary

| All Methods | Static Methods | Instance Methods | Concrete Methods |
|-------------------|---|------------------|--|
| Modifier and Type | Method | | Description |
| List<Book> | fillerByAuthor(String author) | | To filter out the books by author |
| List<Book> | fillerByGenre(String genre) | | To filter out the books by genre |
| List<Book> | fillerByIds(String[] ID) | | To filter book for user's read List |
| List<Book> | fillerByName(String name) | | To filter out the books by name. |
| List<Book> | fillerByPublication(String publication) | | To filter out the books by Publication |

| | | |
|-------------|--|---|
| static | <code>List<Book> loadBooks()</code> | To fetch list of books from the csv file |
| static void | <code>main(String[] args)</code> | To test all the fuctions running properly |
| boolean | <code>newBook()</code> | To add new book in the list |
| static void | <code>saveBooks()</code> | Saves list of books to the csv file |
| void | <code>showBooks(List<Book> books)</code> | function to display list of books |

Methods inherited from class java.lang.Object

`clone`, `equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Details

sc

static `Scanner` sc

books

static `List<Book>` books

Constructor Details

BookFileManager

`BookFileManager()`

To load books to the list.

Method Details

main

public static void `main(String[] args)`
throws `IOException`

To test all the fuctions running properly

Parameters:

args -

Throws:

[IOException](#)

newBook

```
public boolean newBook()
```

To add new book in the list

Returns:**showBooks**

```
public void showBooks(List<Book> books)
```

function to display list of books

Parameters:

books -

saveBooks

```
public static void saveBooks()
```

Saves list of books to the csv file

loadBooks

```
public static List<Book> loadBooks()
```

To fetch list of books from the csv file

Returns:

list of books

fillerByName

```
public List<Book> fillerByName(String name)
```

To filter out the books by name.

Parameters:

name -

Returns:

Filtered list of books

fillerByAuthor

```
public List<Book> fillerByAuthor(String author)
```

To filter out the books by author

Parameters:

author -

Returns:

Filtered list of books

fillerByGenre

```
public List<Book> fillerByGenre(String genre)
```

To filter out the books by genre

Parameters:

genre -

Returns:

Filtered list of books

fillerByPublication

```
public List<Book> fillerByPublication(String publication)
```

To filter out the books by Publication

Parameters:

publication -

Returns:

Filtered list of books

fillerByIDs

```
public List<Book> fillerByIDs(String[] ID)
```

To filter book for user's read List

Parameters:

ID -

Returns:

List of books

