

banking-app-with collection - bankingapp-with-collection/src/com/indium/bankingapp/service/AccountServiceArrListImpl.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×

- bankingapp-with-collection [indium.javabootcamp-]
- JRE System Library [JavaSE-17]
- src
  - com.indium.bankingapp
    - BankingAppMain.java
  - com.indium.bankingapp.model
    - Account.java
  - com.indium.bankingapp.service
    - AccountService.java
    - AccountServiceArrListImpl.java
    - AccountServiceHashMapImpl.java
    - AccountServiceHashSetImpl.java
    - AccountServiceInkListImpl.java
    - AccountServiceTreeMapImpl.java
    - AccountServiceTreeSetImpl.java

AccountService.java AccountServiceArrListImpl.java ×

```
1 package com.indium.bankingapp.service;
2
3 import com.indium.bankingapp.model.Account;
4
5
6
7
8
9 public class AccountServiceArrListImpl implements AccountService {
10     private List<Account> accounts = new ArrayList<>();
11
12
13     @Override
14     public boolean createAccount(Account account) {
15         return accounts.add(account);
16     }
17
18     @Override
19     public boolean updateAccount(int id, Account account) {
20         for (int i = 0; i < accounts.size(); i++) {
21             if (accounts.get(i).getId() == id) {
22                 accounts.set(i, account);
23                 return true;
24             }
25         }
26         return false;
27     }
28
29     @Override
30     public boolean deleteAccount(int id) {
31         for (int i = 0; i < accounts.size(); i++) {
32             if (accounts.get(i).getId() == id) {
33                 accounts.remove(i);
34                 return true;
35             }
36         }
37         return false;
38     }
39 }
```

Task List ×

Find All Activate...

Connect Mylyn

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Outline ×

- com.indium.bankingapp.service
  - AccountServiceArrListImpl
    - accounts : List<Account>
    - createAccount(Account) : boolean
    - updateAccount(int, Account) : boolean
    - deleteAccount(int) : boolean
    - getAccount(int) : Account
    - getAllAccounts() : Collection<Account>

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AccountService.java AccountServiceArrListImpl.java ×

```
21 accounts.set(i, account);
22 return true;
23 }
24 }
25 return false;
26 }
27
28 @Override
29 public boolean deleteAccount(int id) {
30     for (int i = 0; i < accounts.size(); i++) {
31         if (accounts.get(i).getId() == id) {
32             accounts.remove(i);
33             return true;
34         }
35     }
36     return false;
37 }
38
39 @Override
40 public Account getAccount(int id) {
41     for (Account account : accounts) {
42         if (account.getId() == id) {
43             return account;
44         }
45     }
46     return null;
47 }
48
49 @Override
50 public Collection<Account> getAllAccounts() {
51     return new ArrayList<>(accounts);
52 }
53 }
```

Task List ×

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