

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

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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
      - AccountServiceArrayListImpl.java
      - AccountServiceHashMapImpl.java
      - AccountServiceHashSetImpl.java
      - AccountServiceLinkedListImpl.java
      - AccountServiceTreeMapImpl.java
      - AccountServiceTreeSetImpl.java

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

Task List

Find

All Activate...

Connect Mylyn

Connect to your task and ALM tools or create a local task.

Outline

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

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    - AccountServiceTreeSetImpl.java

```
AccountServiceHashSetImpl.java ×
23     accounts.add(account);
24     return true;
25 }
26 return false;
27 }
28
29 @Override
30 public boolean deleteAccount(int id) {
31     for (Account existingAccount : accounts) {
32         if (existingAccount.getId() == id) {
33             accounts.remove(existingAccount);
34             return true;
35         }
36     }
37     return false;
38 }
39
40 @Override
41 public Account getAccount(int id) {
42     for (Account account : accounts) {
43         if (account.getId() == id) {
44             return account;
45         }
46     }
47     return null;
48 }
49
50 @Override
51 public Collection<Account> getAllAccounts() {
52     return new HashSet<>(accounts);
53 }
54 }
```

Task List ×

Find  All Activate...

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    - accounts : Set<Account>
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    - deleteAccount(int) : boolean
    - getAccount(int) : Account
    - getAllAccounts() : Collection<Account>