

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

File Edit Source Refactor Navigate Search Project Run Window Help



Package Explorer x

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
AccountServiceLnkListImpl.java
AccountServiceTreeMapImpl.java
AccountServiceTreeSetImpl.java

AccountServiceTreeSetImpl.java x

```
1 package com.indium.bankingapp.service;  
2  
3 import com.indium.bankingapp.model.Account;  
4  
5 public class AccountServiceTreeSetImpl implements AccountService {  
6     private Set<Account> accounts = new TreeSet<>();  
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  
36 }  
37
```

Task List x

Find All Activate...

Connect Mylyn

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

Outline x

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

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- JRE System Library [JavaSE-17]
- src
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 - BankingAppMain.java
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 - AccountServiceHashMapImpl.java
 - AccountServiceHashSetImpl.java
 - AccountServiceInkListImpl.java
 - AccountServiceTreeMapImpl.java
 - AccountServiceTreeSetImpl.java

```
AccountServiceTreeSetImpl.java ×
44         accounts.add(account);
23         return true;
24     }
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 accounts;
53 }
54 }
```

Task List ×

Find All Activate...

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Outline ×

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