

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

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Package Explorer x AccountServiceTreeMapImpl.java 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  
AccountServiceInkListImpl.java  
AccountServiceTreeMapImpl.java  
AccountServiceTreeSetImpl.java

```
1 package com.indium.bankingapp.service;
2
3 import com.indium.bankingapp.model.Account;
4
5
6
7
8
9 public class AccountServiceTreeMapImpl implements AccountService {
10     private TreeMap<Integer, Account> accountsMap = new TreeMap<>();
11
12     @Override
13     public boolean createAccount(Account account) {
14         if (!accountsMap.containsKey(account.getId())) {
15             accountsMap.put(account.getId(), account);
16             return true; // Account created successfully
17         }
18         return false; // Account with the same ID already exists
19     }
20
21     @Override
22     public boolean updateAccount(int id, Account updatedAccount) {
23         if (accountsMap.containsKey(id)) {
24             accountsMap.put(id, updatedAccount);
25             return true; // Account updated successfully
26         }
27         return false; // Account not found
28     }
29
30     @Override
31     public boolean deleteAccount(int id) {
32         if (accountsMap.containsKey(id)) {
33             accountsMap.remove(id);
34             return true; // Account deleted successfully
35         }
36         return false; // Account not found
37     }
38 }
```

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  
AccountServiceTreeMapImpl  
accountsMap : TreeMap<Integer, Account>  
createAccount(Account) : boolean  
updateAccount(int, Account) : boolean  
deleteAccount(int) : boolean  
getAccount(int) : Account  
getAllAccounts() : Collection<Account>

