|  |
| --- |
| package SpringCore3; |
|  |  |
|  | public class BankAccount { |
|  |  |
|  | int accountld; |
|  | String accountHolderName; |
|  | String accountType; |
|  | long accountBalance; |
|  |  |
|  | public BankAccount(int accountld, String accountHolderName, String accountType, long accountBalance) { |
|  | super(); |
|  | this.accountld = accountld; |
|  | this.accountHolderName = accountHolderName; |
|  | this.accountType = accountType; |
|  | this.accountBalance = accountBalance; |
|  | } |
|  |  |
|  |  |
|  |  |
|  | } |

|  |
| --- |
| package SpringCore3; |
|  |  |
|  | public interface BankAccountRepository { |
|  | public double getBalance(long accountld); |
|  | public double updateBalance (long accountld, double newBalance); |
|  | } |

|  |
| --- |
| package SpringCore3; |
|  |  |
|  | public interface BankAccountService { |
|  |  |
|  | public double withdraw(long accountld, double balance); |
|  | public double deposit(long accountld, double balance); |
|  | public double getBalance(long accountld); |
|  | public boolean fundTransfer(long fromAccount, long toAccount, double amont); |
|  |  |
|  | } |

|  |
| --- |
| package SpringCore3; |
|  |  |
|  | public class BankAccountServicelmpl implements BankAccountService { |
|  |  |
|  | public double withdraw(long accountld, double balance) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  |  |
|  | public double deposit(long accountld, double balance) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  |  |
|  | public double getBalance(long accountld) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  |  |
|  | public boolean fundTransfer(long fromAccount, long toAccount, double amont) { |
|  | // TODO Auto-generated method stub |
|  | return false; |
|  | } |
|  |  |
|  | } |

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|  |
| --- |
| package SpringCore3; |
|  |  |
|  | import org.springframework.beans.BeansException; |
|  | import org.springframework.beans.factory.BeanNameAware; |
|  | import org.springframework.context.ApplicationContext; |
|  | import org.springframework.context.ApplicationContextAware; |
|  |  |
|  | public class BankAccountcontroller implements ApplicationContextAware, BeanNameAware{ |
|  |  |
|  | ApplicationContext context; |
|  | String bean; |
|  | BankAccount obj; |
|  |  |
|  | public void withdraw(long accountld, double balance) { |
|  |  |
|  | obj.accountBalance -= balance; |
|  |  |
|  | } |
|  |  |
|  | public void deposit(long accountld, double balance) { |
|  |  |
|  | obj.accountBalance += balance; |
|  |  |
|  | } |
|  | public long getBalance(long accountld) { |
|  | return obj.accountBalance; |
|  | } |
|  | // public boolean fundTransfer(long fromAccount, long toAccount, double amont); |
|  |  |
|  | public void setApplicationContext(ApplicationContext applicationContext) throws BeansException { |
|  |  |
|  | this.context = applicationContext; |
|  | obj =(BankAccount) applicationContext.getBean("Account"); |
|  | } |
|  |  |
|  | public void setBeanName(String name) { |
|  | // TODO Auto-generated method stub |
|  | this.bean = name; |
|  | } |
|  |  |
|  | } |

|  |
| --- |
| package SpringCore3; |
|  |  |
|  | public class BankAccountepositoryImpl implements BankAccountRepository { |
|  |  |
|  | public double getBalance(long accountld) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  |  |
|  | public double updateBalance(long accountld, double newBalance) { |
|  | // TODO Auto-generated method stub |
|  | return 0; |
|  | } |
|  |  |
|  | } |

|  |
| --- |
| package SpringCore3; |
|  |  |
|  | import org.springframework.context.ApplicationContext; |
|  | import org.springframework.context.support.ClassPathXmlApplicationContext; |
|  |  |
|  | public class Test { |
|  | private static ApplicationContext context; |
|  | public static void main(String[] args) { |
|  |  |
|  | context = new ClassPathXmlApplicationContext("bean.xml"); |
|  | BankAccount account = (BankAccount)context.getBean("Account"); |
|  | System.out.println(account.accountBalance); |
|  | BankAccountcontroller account2 = (BankAccountcontroller)context.getBean("controller"); |
|  | System.out.println(account2.getBalance(10)); |
|  | } |
|  |  |
|  | } |