Maven dependencies to be added in POM.xml

<dependencies>

<!-- Hibernate 4.3.6 Final -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-core</artifactId>

<version>4.3.6.Final</version>

</dependency>

<!-- Mysql Connector -->

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.25</version>

</dependency>

</dependencies>

Hibernate.cfg.xml -> src/main/resources - Maven src - Without maven

<?xml version=*'1.0'* encoding=*'UTF-8'*?>

<!DOCTYPE hibernate-configuration PUBLIC

"-//Hibernate/Hibernate Configuration DTD 3.0//EN"

"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">

<hibernate-configuration>

<session-factory>

<!-- SQL Dialect -->

<property name=*"hibernate.dialect"*>org.hibernate.dialect.MySQLDialect</property>

<!-- Database Connection Settings -->

<property name=*"hibernate.connection.driver\_class"*>com.mysql.cj.jdbc.Driver</property>

<property name=*"hibernate.connection.url"*>jdbc:mysql://localhost:3307/project1</property>

<property name=*"hibernate.connection.username"*>root</property>

<property name=*"hibernate.connection.password"*>root</property>

<property name=*"show\_sql"*>true</property>

<property name=*"hbm2ddl.auto"*>update</property>

<!-- Specifying Session Context -->

<property name=*"hibernate.current\_session\_context\_class"*>org.hibernate.context.internal.ThreadLocalSessionContext</property>

<!-- Mapping With Model Class Containing Annotations -->

<mapping class=*"com.pms.model.Account"* />

</session-factory>

</hibernate-configuration>

Model class: Account.java

**package** com.pms.model;

**import** javax.persistence.Column;

**import** javax.persistence.Entity;

**import** javax.persistence.GeneratedValue;

**import** javax.persistence.GenerationType;

**import** javax.persistence.Id;

**import** javax.persistence.Table;

@Entity

@Table

**public** **class** Account {

@Id

@GeneratedValue(strategy=GenerationType.***IDENTITY***)

Integer id;

@Column

String name;

@Column

Double amount;

@Override

**public** String toString() {

**return** "Account [id=" + id + ", name=" + name + ", amount=" + amount + "]";

}

**public** Account(String name, Double amount) {

// super();

// this.id = id;

**this**.name = name;

**this**.amount = amount;

}

**public** Integer getId() {

**return** id;

}

**public** **void** setId(Integer id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** Double getAmount() {

**return** amount;

}

**public** **void** setAmount(Double amount) {

**this**.amount = amount;

}

Account() {}

}

Client Application:

**package** com.pms.client;

**import** java.util.List;

**import** org.hibernate.Query;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.Transaction;

**import** org.hibernate.boot.registry.StandardServiceRegistryBuilder;

**import** org.hibernate.cfg.Configuration;

**import** org.hibernate.service.ServiceRegistry;

**import** com.pms.model.Account;

**public** **class** HibernateAccountClient {

**public** **static** **void** main(String[] args) {

// Configuration configObj = new Configuration(); //1

// configObj.configure("hibernate.cfg.xml");

// Since Hibernate Version 4.x, ServiceRegistry Is Being Used //2

// ServiceRegistry serviceRegistryObj = new StandardServiceRegistryBuilder().applySettings(configObj.getProperties()).build();

// Creating Hibernate SessionFactory Instance //3

SessionFactory sessionFactory =**new** Configuration().configure("hibernate.cfg.xml").~~buildSessionFactory~~();

Session session = sessionFactory.openSession(); //4

Transaction tx=session.getTransaction();

tx.begin();

// Account a1=new Account("Ram123",10000.00); //transcient

//insert

// session.save(a1); //insert into account values..... //persistent

// Account a2=new Account("Ram1234",10000.00); //transcient

// session.save(a2);

//update

/\* Account a3=(Account)session.get(Account.class, 3);

a3.setName("Ram3333");

session.update(a3);

session.flush();

\*/

//delete

//Account a3=(Account)session.get(Account.class,2);

//Account a3=(Account)session.load(Account.class,5);

// session.delete(a3);

Query q=session.createQuery("from Account a"); //HQL

List<Account> alist=q.list();

alist.stream().forEach(a->System.***out***.println(a.getId()+" "+a.getName()));

**for**( Account a: alist) {

System.***out***.println(a.getId() +" "+a.getName()+" "+a.getAmount());

}

tx.commit();

//tx.rollback();

session.close();

}

}