Spring Hibernate:

code of hibernate

/creating configuration

Configuration cfg=new Configuration();

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

//creating seession factory object

SessionFactory factory=cfg.buildSessionFactory();

//creating session object

Session session=factory.openSession();

//creating transaction object

Transaction t=session.beginTransaction();

Employee e1=new Employee(111,"Sangavi",40000);

session.persist(e1);//persisting the object

t.commit();//transaction is commited

session.close();

As per the above code we have to follow many steps but with SpringFramework using Hibernate Template we can simply write the code below

Employee e1=new Employee(111,"Sangavi",40000);

hibernateTemplate.save(e1);

Methods of HibernateTemplate class

1) void persist(Object entity) persists the given object.

2) Serializable save(Object entity) persists the given object and returns id.

3) void saveOrUpdate(Object entity) persists or updates the given object. If id is found, it updates the record otherwise saves the record.

4) void update(Object entity) updates the given object.

5) void delete(Object entity) deletes the given object on the basis of id.

6) Object get(Class entityClass, Serializable id) returns the persistent object on the basis of given id.

7) Object load(Class entityClass, Serializable id) returns the persistent object on the basis of given id.

8) List loadAll(Class entityClass) returns the all the persistent objects.

Steps for hibernate and spring integration:

* create table in the database It is optional.
* create applicationContext.xml file It contains information of DataSource, SessionFactory etc.
* create Employee.java file It is the persistent class
* create employee.hbm.xml file It is the mapping file.
* create EmployeeDao.java file It is the dao class that uses HibernateTemplate.
* create InsertTest.java file It calls methods of EmployeeDao class.