

Hibernate-->JFSA--
>Handle data
persistence

Setup :

- include Hibernate Dependencies in your project

- configure the Hibenate properties:database connections details-->"hibernate.cfg.xml" file

Entity Mapping:

- >create Java classes representing entity:annotated with '@Entity'

- >Define relationships between entities using annotations like '@ManyToOne','OneToMany' etc

SessionFactory:

- Configurer and build a 'SessionFactory' to manage database connections and entity mapping

Session:

- obtain a 'session' from the SessionFactory-->perform database operations

- use methods like 'save','update','delete','createQuery' for CRUD operations

Transaction Management:

- wrap the database operations in transaction-->'beginTransaction' and 'commit'

HQL-->similar to SQL-->operate on entity objects

criteriaAPI ans native SQL queries are also availble.