HIBERNATE

Hibernate is a framework API designed to help to map data in java programs to databases, since they are structurally different. It can be installed alongside java and can work to integrate communication between the two with many features to support the mapping. Some key points are:

* Object-Relational Mapping
* Can map features form Java classes into SQL/Oracle databases
* Uses XML or Java Annotation
* Has SQL-like query language call HQL

Supported Databases:

Hibernate supports almost all the major RDBMS. Following is list of few of the database engines supported by Hibernate:

* HSQL Database Engine
* DB2/NT
* MySQL
* PostgreSQL
* FrontBase
* Oracle
* Microsoft SQL Server Database
* Sybase SQL Server
* Informix Dynamic Server

Supported Technologies:

Hibernate supports a variety of other technologies, including the following:

* XDoclet Spring
* J2EE
* Eclipse plug-ins
* Maven