

Object-Relational Mapping (EJB, Hibernate and JPA)

IntelliJ IDEA enables object/relational mappings by means of the dedicated facets:

- [Hibernate](#)
- [JPA](#)
- [EJB](#)

For the details of [EJB](#) support, refer to the section [EJB](#). Support of [Hibernate](#) and [JPA](#) technologies in IntelliJ IDEA includes:

- Automatic creation of the specific module structure and the necessary descriptors.
- Possibility to automatically download missing libraries.
- Support of [Java beans](#).
- Mapping [data sources](#), configured in IntelliJ IDEA, to the Hibernate session factories, JPA persistence units, or entity beans.
- Coding assistance, including code completion, syntax and error highlighting. IntelliJ IDEA recognizes specific syntax, highlights invalid references and other errors, and suggests quick fixes.
- Refactoring source code.
- Using Hibernate and JPA annotations.
- Possibility to view relationships in the [Entity Relationship diagram](#).
- Templates to support configuration files.
- Surround with () for HQL/JPAQL (Ctrl+Alt+T)

Hibernate and JPA facets are often used in combination with the other facets, for example [Spring](#) or [Seam](#).

See Also

Concepts:

- [EJB](#)

Procedures:

- [Hibernate](#)
- [JPA](#)

Reference:

- [Diagram Toolbar and Context Menu](#)
- [Hibernate and JPA Facet Pages](#)

External Links:

- <http://www.hibernate.org/>
- <http://java.sun.com/developer/technicalArticles/J2EE/jpa/>

Web Resources:

- [Developer Community](#)