Java Persistence:
Managing Entities
↳ Entity Manager Factory

Persistence Context
CRUD   Entity Manager

- Create   - Persist
- Read   - find
- Update   - remove
- Delete

Transactions → Consistent State
Transactional operations → Persist, Update, Remove

Default Entity Mapping   Binding Parameters
↳ @ java.persistence.Entity   Query.setParameter
   java.persistence.id.

                                Typed Query < Book >
Annotations: query = em.
@ One-to-One   Create Query
@ Many-to-One   (statement, B.
@ Many-to-May.   c.l
@ One-To-May.

Named Queries are defined Statically
• Events occur depending on operation.
   Persisting, Updating, Removing, Loading
Transient Managed.   Detached Removed

Callback Annotations: @ Transactional
@ PrePersist & @ PostPersist   ↳ Belongs to
@ PreUpdate & @ PostUpdate   JTA specification
@ PreRemove & @ PostRemove
@ PostLoad.