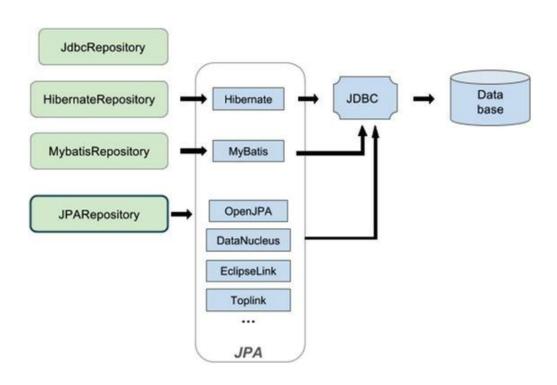
# JPA



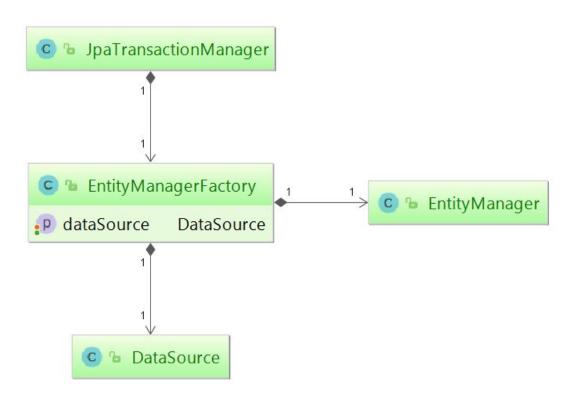
#### **JPA**



#### **JPA**

- JPA is a standard, Hibernate is the implementation
- JPA is a subset of Hibernate

## JPA Configuration



### JPA Core Components

- **Persistence Context** a context containing a set of domain objects/entities in which for every persistent entity there is a unique entity instance
- Entity Manager creates, updates, queries deletes the entities
- Entity Manager Factory creates application-managed Entity Manager instances. These factory classes must implement javax.persistence.EntityManagerFactory .They are thread-safe, shareable, and they represent a single datasource and persistence context.
- **Persistence Unit**: a group of entity classes defined by the developer to map database records to objects that are managed by an Entity Manager

#### JPA vs Hibernate

EntityManager	Session
persist()	save()
merge()	merge()
remove()	delete()
detach(), close(), clear()	evict(), close(), clear()
find(), getReference()	get(), load()
flush()	flush()

# Spring Data JPA

