Create JPA DAO in Spring Boot

Various DAO Techniques

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- Version 3: Spring Data JPA

Application Architecture

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My Biz App

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www.luv2code.com/jpql

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High-level comparison
Other options depending on context …

Development Process

1. Set up Database Dev Environment
2. Create Spring Boot project using Spring Initializr
3. Get list of employees
4. Get single employee by ID
5. Add a new employee
6. Update an existing employee
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Step-By-Step

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public class EmployeeDAOJpaImpl implements EmployeeDAO {
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  @Autowired
  public EmployeeDAOJpaImpl(EntityManager theEntityManager) {
    entityManager = theEntityManager;
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Automatically created by Spring Boot

Constructor injection

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  return employees;
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Remember: No need to manage transactions …

Handled at Service layer with @Transactional

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Useful in our REST API
to return generated id

Delete an existing employee

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