

EntityListener

You can find a prepared test method for exercise 3 in the *TestEntityListenerExercises* class in the *Exercises_EntityListener* project.

1. How do you implement an *EntityListener*?
What are the main differences to a lifecycle callback method?
2. When does Hibernate, or any other JPA implementation, trigger a method with the following annotation?
 - a. `@PreRemove`
 - b. `@PostPersist`
 - c. `@PreUpdate`
3. Implement an *EntityListener* that uses the *AuditedEntity* interface to update the *lastUpdate* attribute of the *Author* and *Publication* entity on every insert and update operation.