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1 package fr.insalyon.dasi.gustatif.dao;
2
3
4 import fr.insalyon.dasi.gustatif.metier.modele.Restaurant;
5 import java.util.List;
6 import javax.persistence.EntityManager;
7 import javax.persistence.Query;
8
9
10 public class RestaurantDao {
11
12     public void create(Restaurant restaurant) throws Throwable {
13         EntityManager em = JpaUtil.obtenirEntityManager();
14         try {
15             em.persist(restaurant);
16         }
17         catch(Exception e) {
18             throw e;
19         }
20     }
21
22     public Restaurant update(Restaurant restaurant) throws Throwable {
23         EntityManager em = JpaUtil.obtenirEntityManager();
24         try {
25             restaurant = em.merge(restaurant);
26         }
27         catch(Exception e){
28             throw e;
29         }
30         return restaurant;
31     }
32
33     public Restaurant findById(Long id) throws Throwable {
34         EntityManager em = JpaUtil.obtenirEntityManager();
35         Restaurant restaurant = null;
36         try {
37             restaurant = em.find(Restaurant.class, id);
38         }
39         catch(Exception e) {
40             throw e;
41         }
42         return restaurant;
43     }
44
45     public List<Restaurant> findAll() throws Throwable {
46         EntityManager em = JpaUtil.obtenirEntityManager();
47         List<Restaurant> restaurants = null;
48         try {
49             Query q = em.createQuery("SELECT r FROM Restaurant r ORDER BY r.denomination");
50             restaurants = (List<Restaurant>) q.getResultList();
51         }
52         catch(Exception e) {
53             throw e;
```

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54         }
55
56         return restaurants;
57     }
58
59
60 }
61
```