

```

1  package fr.insalyon.dasi.gustatif.dao;
2
3  import fr.insalyon.dasi.gustatif.metier.modele.LivreurDrone;
4  import java.util.List;
5  import javax.persistence.EntityManager;
6  import javax.persistence.Query;
7
8  /*
9   * To change this license header, choose License Headers in Project Properties.
10  * To change this template file, choose Tools | Templates
11  * and open the template in the editor.
12  */
13
14  /**
15   *
16   * @author Nico
17   */
18  public class LivreurDroneDao extends LivreurDao {
19
20      public List<LivreurDrone> findAllLivresDrones() throws Throwable {
21          EntityManager em = JpaUtil.obtenirEntityManager();
22          List<LivreurDrone> livres = null;
23          try {
24              Query q = em.createQuery("SELECT l FROM LivreurDrone l");
25              livres = (List<LivreurDrone>) q.getResultList();
26          }
27          catch (Exception e) {
28              throw e;
29          }
30          return livres;
31      }
32
33      public List<LivreurDrone> findAllLivresDronesDisponibles() throws Throwable {
34          EntityManager em = JpaUtil.obtenirEntityManager();
35          List<LivreurDrone> livres = null;
36          try {
37              Query q = em.createQuery("SELECT l FROM LivreurDrone l WHERE "
38                                     + "l.disponible = TRUE");
39              livres = (List<LivreurDrone>) q.getResultList();
40          }
41          catch (Exception e) {
42              throw e;
43          }
44          return livres;
45      }
46
47      public List<LivreurDrone> findAllLivresDronesDisponibles(Double commandeWeight) throws Throwable {
48          EntityManager em = JpaUtil.obtenirEntityManager();
49
50

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51         List<LivreurDrone> livreurs = null;
52         try {
53             Query q = em.createQuery("SELECT l FROM LivreurDrone l
54                                     WHERE "
55                                     + "l.disponible = TRUE AND l.chargeMax >=
56                                     :commandeWeight");
57             q.setParameter("commandeWeight", commandeWeight);
58             livreurs = (List<LivreurDrone>) q.getResultList();
59         }
60         catch(Exception e) {
61             throw e;
62         }
63         return livreurs;
64     }
65     public List<LivreurDrone>
66     findLivreursDronesByMailAndPassword(String mail, String password)
67     throws Throwable {
68         EntityManager em = JpaUtil.obtenirEntityManager();
69         List<LivreurDrone> livreurs = null;
70         try {
71             Query q = em.createQuery("SELECT l FROM LivreurDrone l
72                                     WHERE l.mail = :mail
73                                     + " AND l.motDePasse = :password");
74             q.setParameter("mail", mail);
75             q.setParameter("password", password);
76             livreurs = (List<LivreurDrone>) q.getResultList();
77             if(livreurs.isEmpty()) {
78                 livreurs = null;
79             }
80         }
81         catch(Exception e) {
82             throw e;
83         }
84         return livreurs;
85     }
86 }
```