

Practice#2

JPA

App Shop JPA

- In a first time, we'll try to discover JPA using the SimpleAppShop Database.
- To begin with JPA, try to create the SimpleAppShop entities.
- Use the EntityManager to do some CRUD operations (persist, merge, find, etc.)
- Try to play with the JPQL to do your researches.

Teacher expectations ;)

- Implement the AppShop persistence layer using JPA.
- For the testing, you'll do the tests as you did for SimpleAppShop but on AppShop and using JPA.
- The test cases:
 - An admin add a new application in the catalog.
 - A member download an app.
 - List the members who have downloaded a given app.
 - Display the app downloads' stats. (Be creative!)

Practice hints / Useful links

- Most IDE offers features to create entities from a database. This can save you a lot of time.
- Be lazy! Use the default values as much as you can.
- <http://docs.oracle.com/javaee/6/api/javax/persistence/package-summary.html>
- <http://docs.oracle.com/javaee/6/tutorial/doc/bnbpy.html>
- <http://wiki.eclipse.org/EclipseLink/UserGuide/JPA>

Q&A

You have

Questions

We have

Answers

Credits

- http://2.bp.blogspot.com/_2tQ-utDWJWw/S7OjQ_UNUal/AAAAAAAAAEg/n4sog-AgwI4/s1600/Questions+and+Answers.jpg