

Exercises:

Introduction

We continue with the hibernateExercises project. So far we have learned to create, update, delete and retrieve data from our derby database by using Hibernate.

In this exercise we will practice mapping the class to the table.

You need *hbm2ddl.auto* in the hibernate.cfg.xml file to be on **update** instead of create.

Task 1.

- In the ij shell delete the column *ISBN* and add a new column *ISBN_NUM* (Varchar).
- In the Book class, map the name of the attribute *isbn* to the column *ISBN_NUM* in the book table.
- Run your test class by creating 2 books and check the table in ij to see if it still works.

Task 2.

- Drop the table in the ij shell.
- Change the name of the table BOOK to TBL_BOOK in the Book class.
- Run the code and see if it still works and check in the ij shell that you have this book created.

Task 3.

- Change the field access to property access in Book class.
- Run the code and see if it still works.
- Change again to the field access.
- Add an attribute called *numberOfPages* with type Integer . We do not want this field to affect the book table (we do not want a column with this name in our table). What should we do?