Library DAO Tutorial

Overview

SOFTWARE GUILD

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The Learning House

427 S 4th Street #300

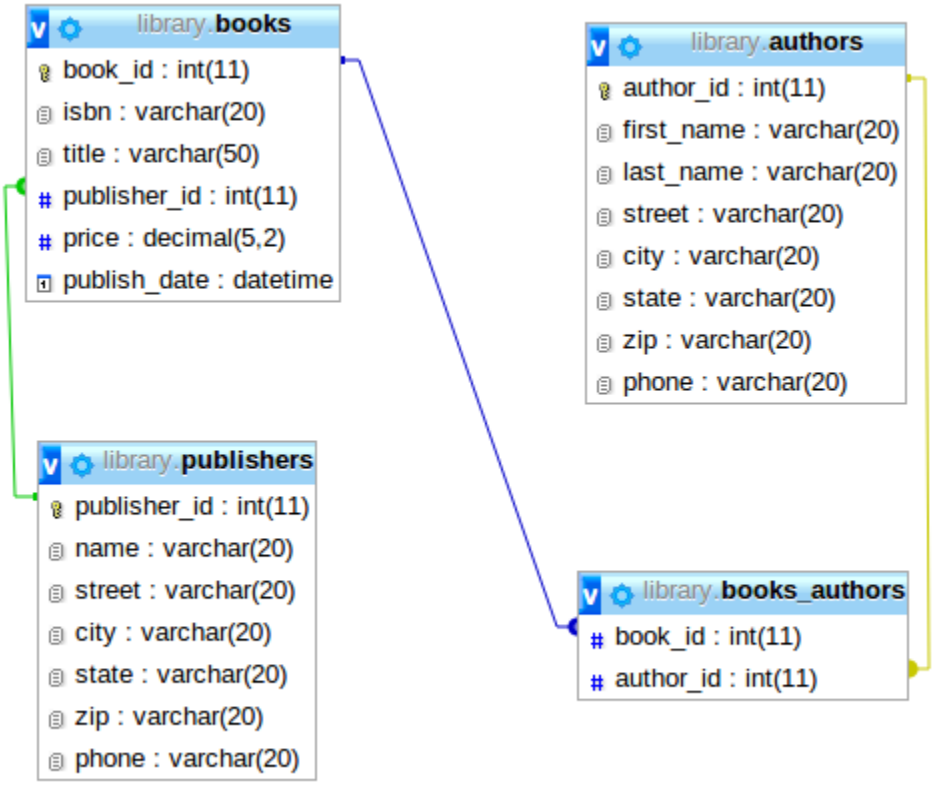
Louisville KY 40202

Overview

The Contact List MVC Tutorial focused on the structure and configuration of a simple data-driven Spring MVC web application. While the simplicity of the Contact List model (just one table) made it easy to focus on Spring core features, it is unlikely that any production application will have such a simple database.

This tutorial will demonstrate how to build a data access layer in Java for a database that has both one-to-many and many-to-many relationships. We will build two versions of the data access layer: one using Spring JdbcTemplates and one using Hibernate (in a Spring environment).

Figure 1, below, shows the structure of the database we will use for this tutorial. This database is still fairly simple but it does contain a one-to-many relationship (one publisher can publish many books, but books can have only one publisher) and a many-to-many relationship (authors can write many books, books can have many authors). This structure will allow us to show how these relationships can be managed and represented in our model objects and our data access layer.



Library Database Structure
Figure 1