

Lab Exercise: Inheritance Mapping and Polymorphic Queries

Task 1: As explained in the lecture on Inheritance Mapping and Polymorphic Queries, create an inheritance hierarchy with the abstract `Animal` class being the superclass, and the concrete `Dog` and `Cat` subclasses implementing it. And then map the inheritance relationship using the `SINGLE_TABLE`, `JOINED` and `TABLE_PER_CLASS`. And then persist the inheritance relationship to the database using each of the strategies.

Task 2: Once you're done with the mapping and persisting the inheritance relationship for each of the strategies, write a polymorphic query to examine their performances for polymorphism.

***The source code files for the lecture on "Inheritance Mapping and Polymorphic Queries" are available to be downloaded with this lab exercise. You could use them to complete the given tasks successfully.