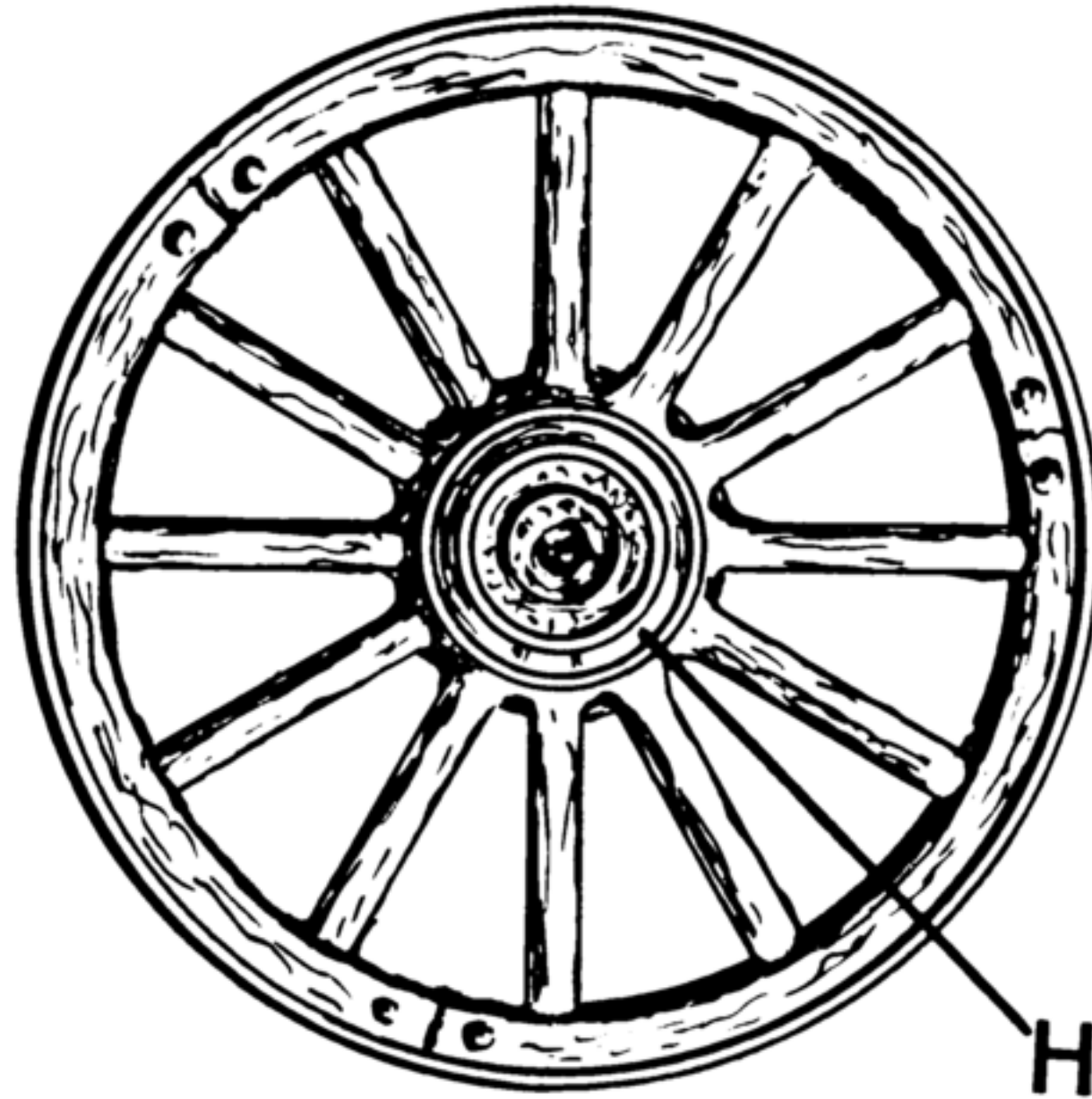# 重用

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H

人类历史上一项伟大的发明

不要重新发明轮子

重用

- 体系结构风格
  - 分层风格
- 框架
  - SSH
- 库
  - SWING、AWT
- 设计模式
  - 策略模式
- 代码重用
  - 类、方法

Presentation tier

The top-most level of the application is the user interface. The main function of the interface is to translate tasks and results to something the user can understand.
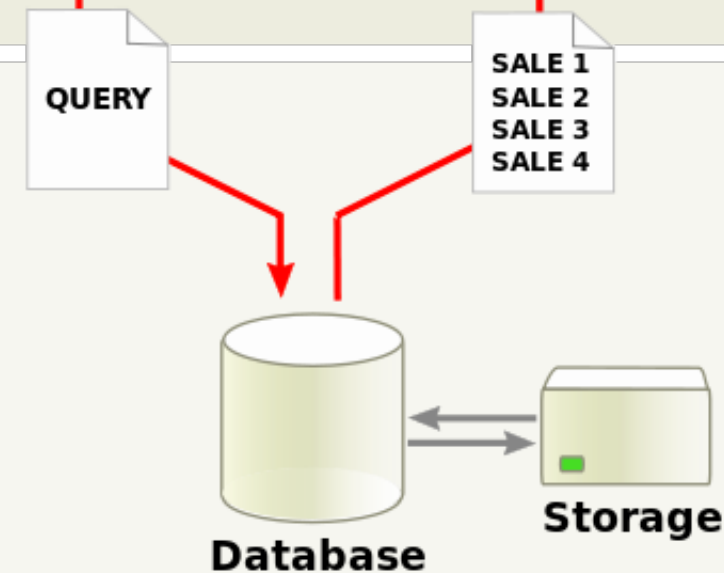
>GET SALES
TOTAL

>GET SALES
TOTAL
4 TOTAL SALES

Logic tier

This layer coordinates the application, processes commands, makes logical decisions and evaluations, and performs calculations. It also moves and processes data between the two surrounding layers.
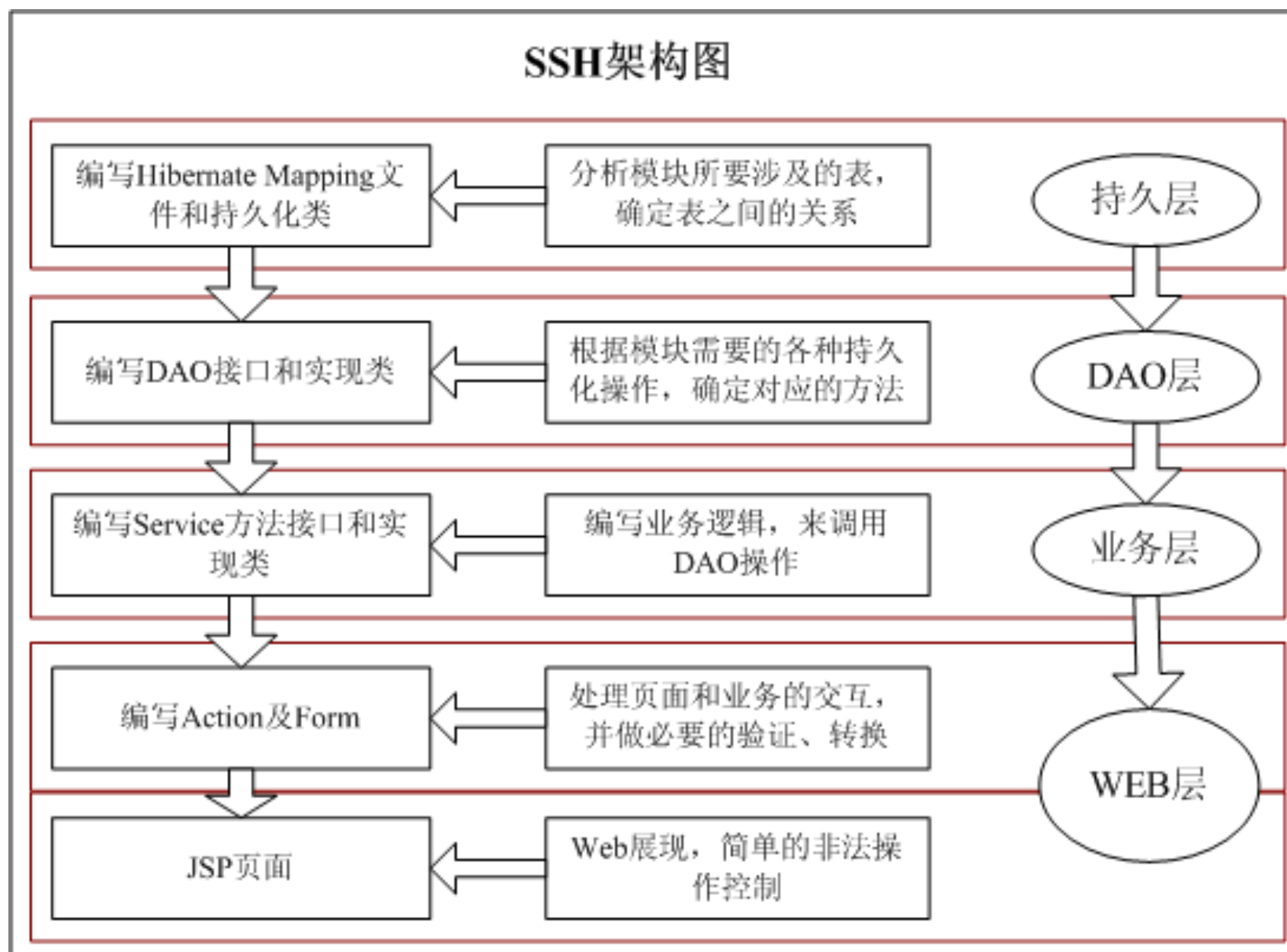
GET LIST OF ALL SALES MADE LAST YEAR

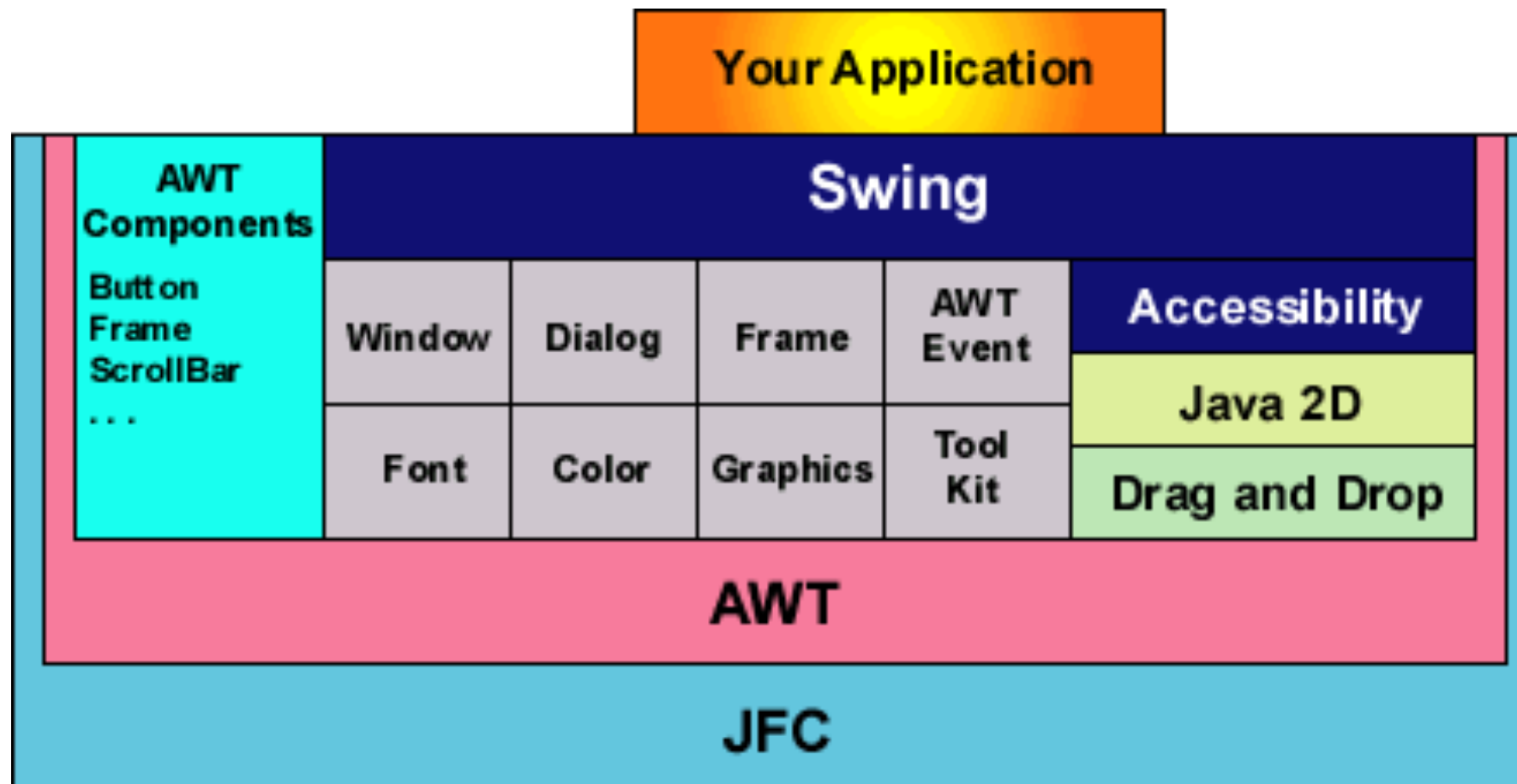**ADD ALL SALES TOGETHER**

Data tier

Here information is stored and retrieved from a database or file system. The information is then passed back to the logic tier for processing, and then eventually back to the user.
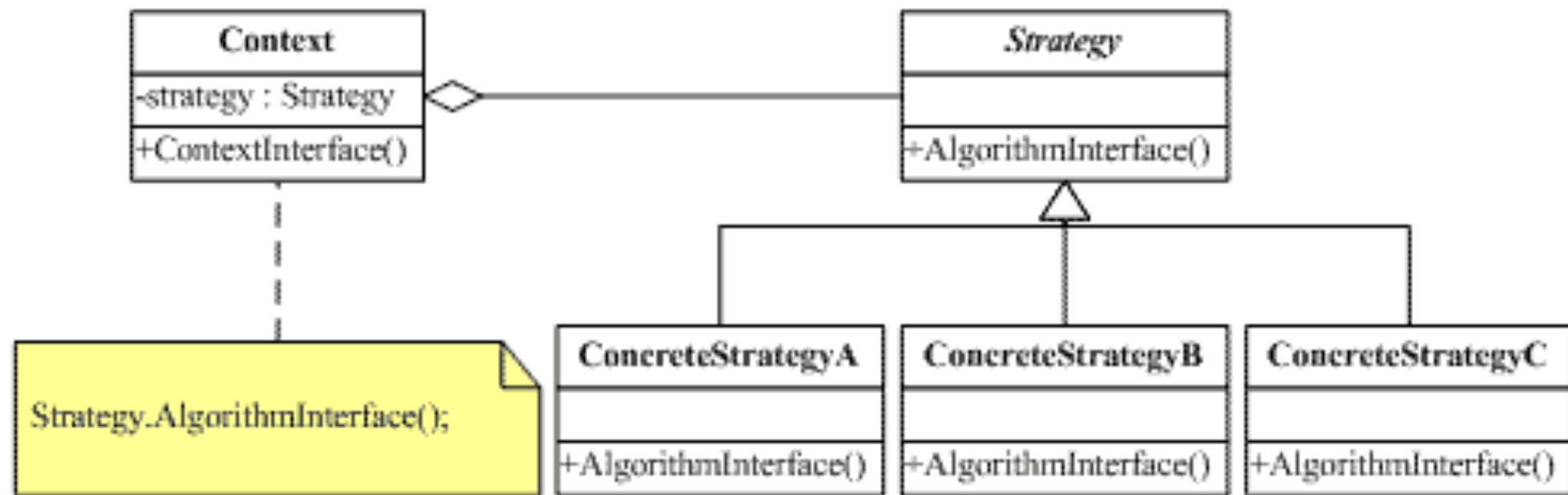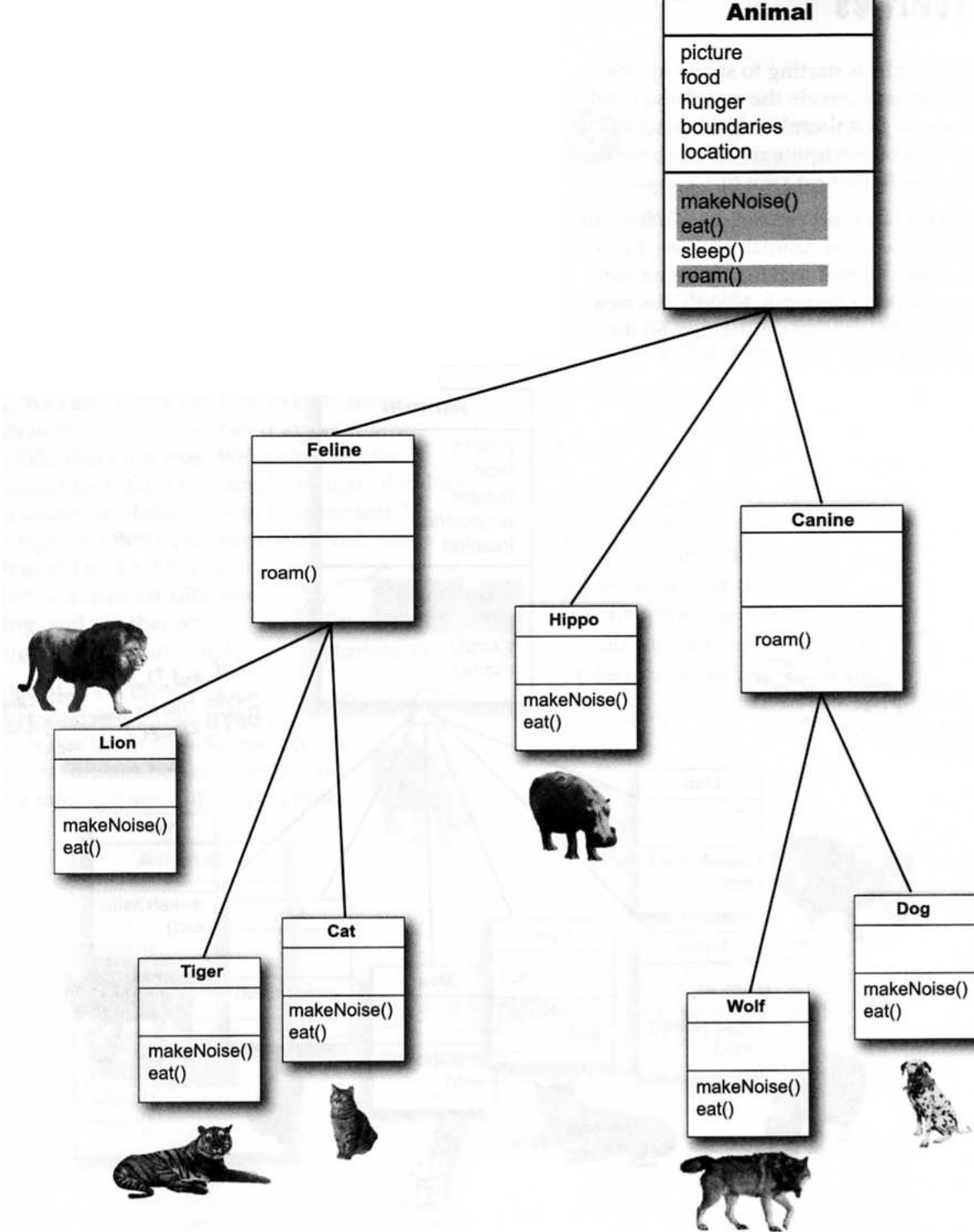
QUERY

SALE 1
SALE 2
SALE 3
SALE 4

Database

Storage

分层风格

SSH架构图

	持久层
编写Hibernate Mapping文件和持久化类 ← 分析模块所要涉及的表，确定表之间的关系	

	DAO层
编写DAO接口和实现类 ← 根据模块需要的各种持久化操作，确定对应的方法	

	业务层
编写Service方法接口和实现类 ← 编写业务逻辑，来调用DAO操作	

	WEB层
编写Action及Form ← 处理页面和业务的交互，并做必要的验证、转换	
JSP页面 ← Web展现，简单的非法操作控制	

SSH框架

Swing AWT 库

策略模式

继承