

Chapter 12

Multi-Class Applications

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12.2.3 The Inventory Map

12.3 Contacts

12.3.1 The Need for an Abstract Class

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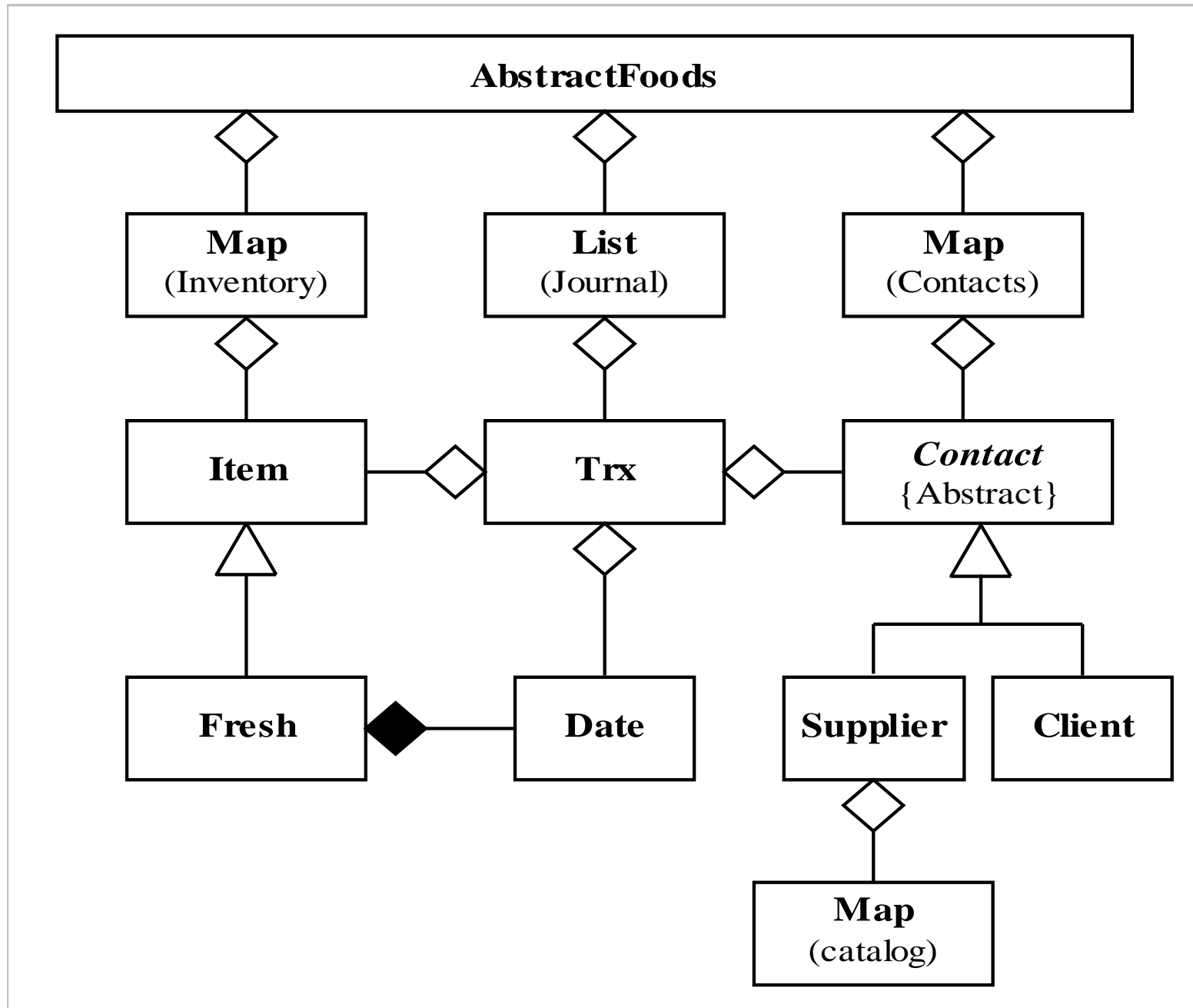
12.3.4 The Contacts Map

12.4 Transactions

12.4.1 The Trx Class

12.4.2 The Journal List

12.1 Introduction



12.2 Inventory Control

Write a fragment that creates:

Item No.: 2001M071

Name: Java Milk 1%

Unit Price: \$4.75

After wards, purchase 100 units for \$325.

Status:

Accessor	Return
int getStock ()	100
int getPurchasedQty ()	100
double getPurchases ()	325.00
double getUnitCost ()	3.25

Now purchase 50 more units at for \$100

Status:

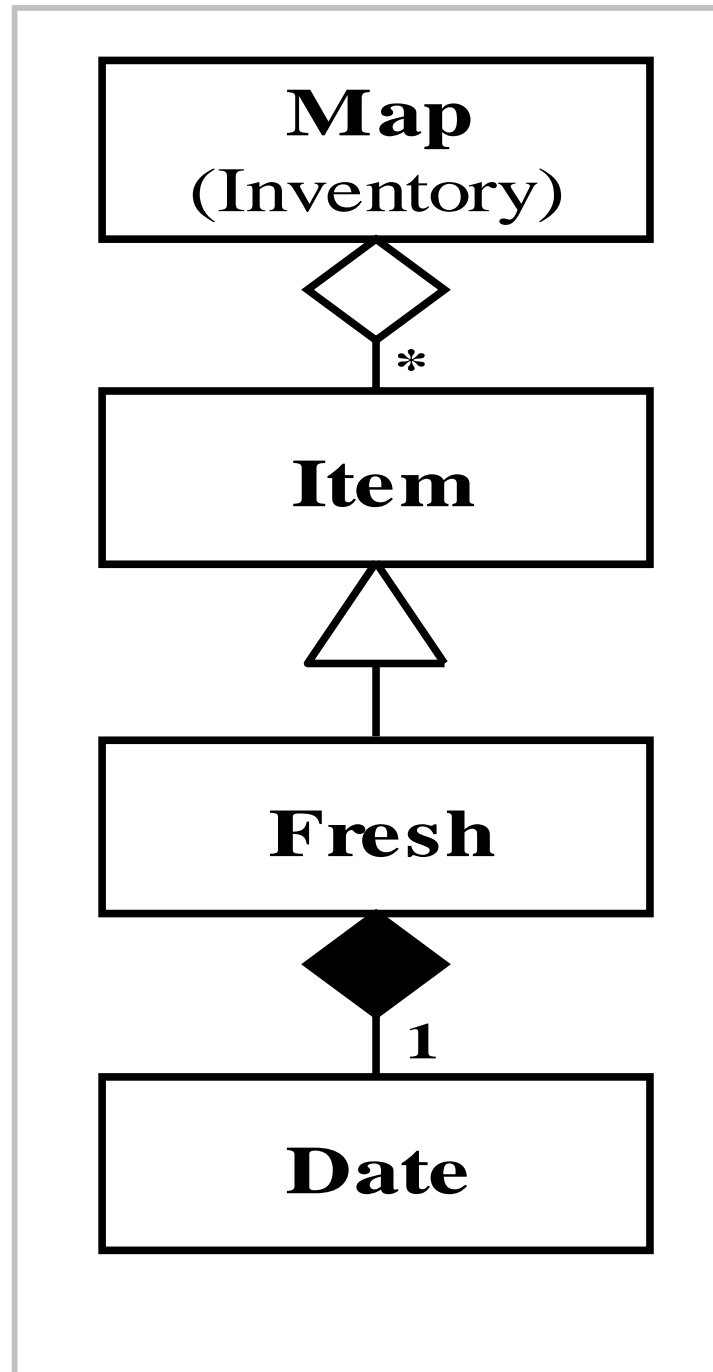
Accessor	Return
int <code>getStock()</code>	150
int <code>getPurchasedQty()</code>	150
double <code>getPurchases()</code>	425.00
double <code>getUnitCost()</code>	2.83

Next, sell 10 units of that milk.

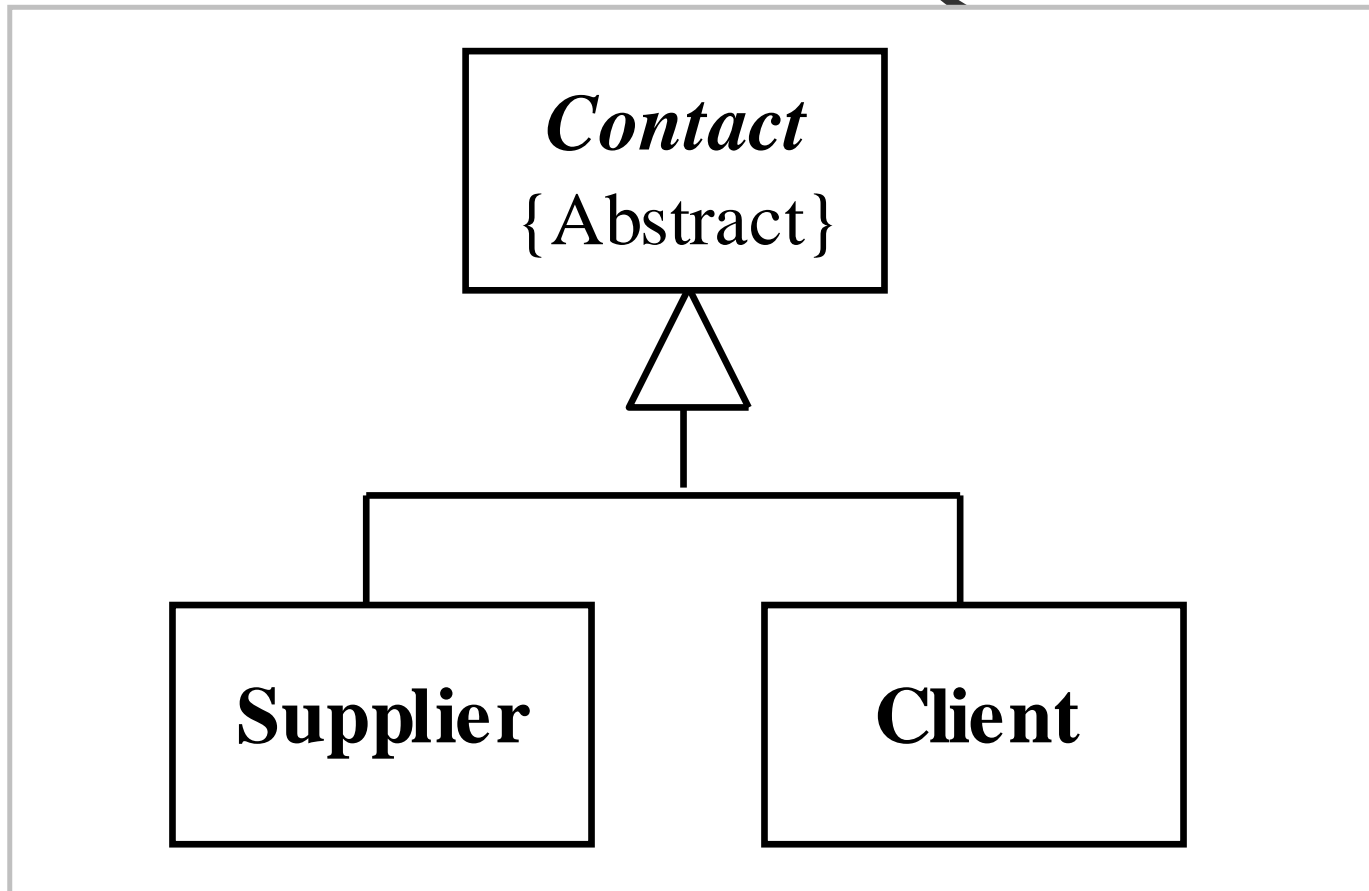
Status:

Accessor	Return
int <code>getStock()</code>	140
int <code>getPurchasedQty()</code>	150
double <code>getPurchases()</code>	425.00
double <code>getUnitCost()</code>	2.83
int <code>getSoldQty()</code>	10
double <code>getSales()</code>	47.50

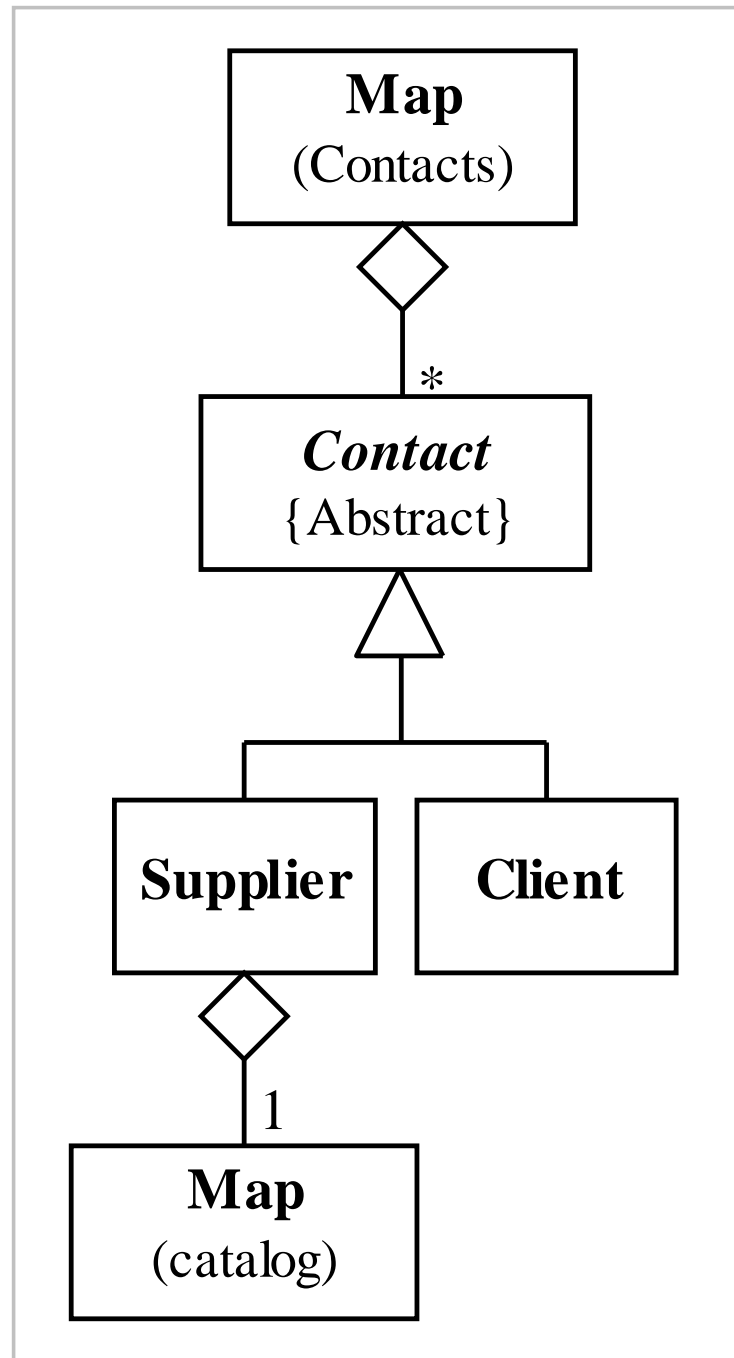
The Map



12.3 Contacts



The Map:



12.4 Transactions

