

Class Diagrams

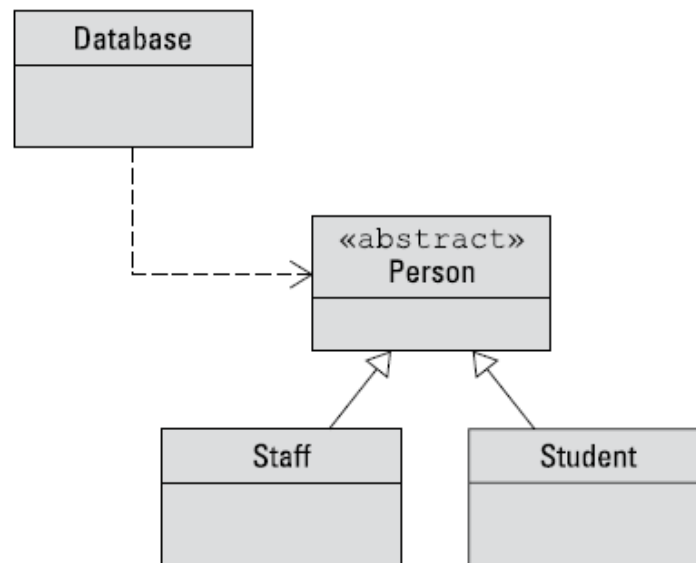


FIGURE 1-2:
A simple class
diagram.

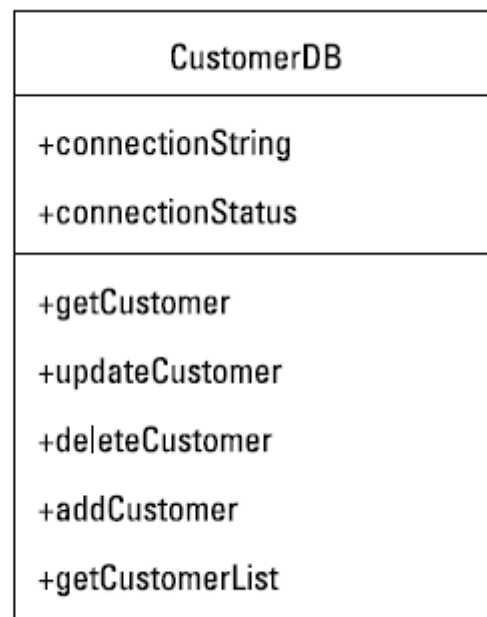


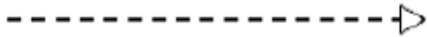
FIGURE 1-3:
A class.

Drawing Arrows:

A solid line with a hollow closed arrow at one end represents inheritance:



The arrow points to the base class. A dashed line with a hollow closed arrow at one end indicates that a class implements an interface:



The arrow points to the interface. A solid line with an open arrow indicates an *association*:



An association simply indicates that two classes work together. It may be that one of the classes creates objects of the other class or that one class requires an object of the other class to perform its work. Or perhaps instances of one class contain instances of the other class.

You can add a name to an association arrow to indicate its purpose. If an association arrow indicates that instances of one class create objects of another class, you can place the word *Creates* next to the arrow.