

Instructional Objectives for Object Diagrams

The student should be able to do the following after completing the class diagram portion of the text, lecture, and homework:

1. Define, apply in the proper form, and give examples of an object.
2. Define, apply in the proper form, and give examples of the relationships (links) between objects.
3. Given a class diagram and a description of a particular instance, derive the appropriate object diagram. The object diagram should contain only relevant objects and attribute states. Student may also be asked which operations are relevant at a particular instance.
4. Given a class and object diagram, use both diagram types to correct each other.
5. Given a 'snapshot' of a moderately complex "system", draw the object diagram. Use the object diagram to derive a class diagram.