

1

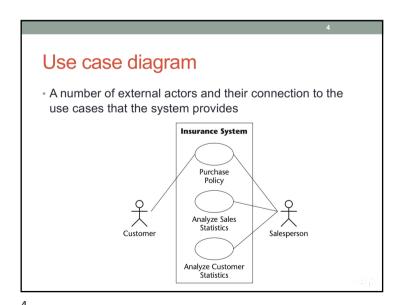
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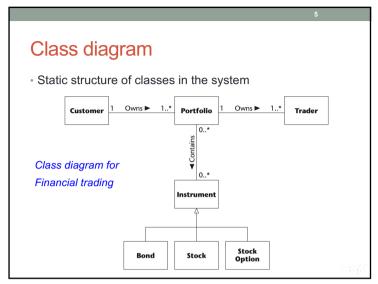
## Common diagrams in UML

- · Use-case diagram
- · Class diagram
- Object Diagram
- State machine
- Activity diagram
- · Interaction diagrams
- Deployment diagram

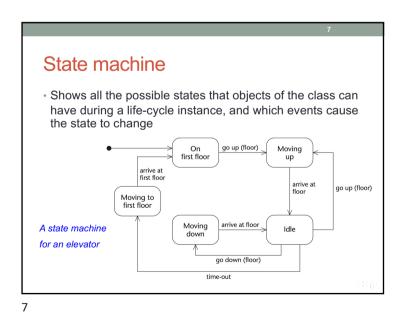
4+1 UML Views • No single model is sufficient. Every non-trivial system is best approached through a small set of nearly independent models. · Create models that can be built and studied separately, but are still interrelated. Package diagram Class diagram Component diagram Implementation View Object diagram 1 55 Structure Use-Case View Sequence diagram Deployment View Deployment diagram Communication diagram Activity diagram System topology, delivery, installation, communication State diagram Performance, scalability, throughput

2



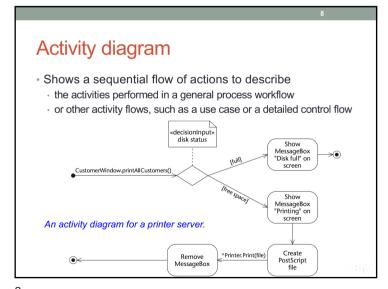


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Object diagram · Shows a number of object instances of classes, instead of the actual classes Computer name: String name : String Class Diagram Bob's Job PC: Computer memory = 256 **Bob: Author** name = "Bob J." age = 32 Object Diagram Bob's Home PC: name = "AMD K6"

6



8

