UML Diagram Types

Dynamic Models
- activity diagrams
- statechart diagrams
- interaction diagrams
  - sequence diagrams
  - collaboration diagrams
- use case diagrams

Structural Models
- *class diagrams*
- object diagrams
- packages

Architectural Models
- component diagrams
- deployment diagrams

Class Diagram

def'n: set of classes and relationships
- most common type of diagram
- static design view
- foundation for other diagrams
- construction of executable systems is directly dependent upon class diagram

Hints and Tips

Well structured class diagram
- is focused on communicating one aspect of a system's static design view
- contains only elements that are essential to understanding that aspect
- provides detail consistent with its level of abstraction
- is not so minimalist that it misinforms reader about important semantics