







## SOFTWARE ARCHITECTURE: 100,000 FT VIEW

Component based design

- Systems consist of components and connectors
  Components: define the basic computations comprising the system and their behaviors

  Abstract data types, classes, etc.
- Connectors: define the interconnections between components
  Procedure call, event announcement, asynchronous messages

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## SINGLE RESPONSIBILITY - 3 MVC: Each controller should specialize in dealing with one resource User session is a distinct resource from Reviewer Rule of thumb: if you cannot describe the responsibility of the class in 25 words or less, it may have more than one responsibility Provides a gauge for when to split into multiple classes











































