SENG 301

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TR 12-12:50 & 1-1:50

Software Architecture

"The structure or structures of the system, which comprise software elements, the externally visible properties of those elements, and the relationships among them."

Software Architecture

- Subsystems
- Deployment
- Communication

Partitioning

- Partitioning is the division of the system into *subsystems*

Benefits:

- Make it easier to change implementation
- Increase potential for reuse
- Reduce complexity

Cohesion and Coupling

- Cohesion: How much the *internals* of a module are related

- Coupling: How much the *modules* of a design are related

- Remember: High cohesion and low coupling

Now continue work on lab 13