Welcome to 382V:
Architectural and Design Intent

Dewayne E Perry
ENS 623A
Office Hours: T/Th 11:00-12:00
perry@ece.utexas.edu
www.ece.utexas.edu/~perry/education/382v-s06/

General Outline
- Overview
- Intent in Construction
  - Inscape
- Intent in Architectural Description
- Past work in capturing design decisions
- Architectural intent
- Design intent

Some Thoughts
- Important distinction: problem space vs solution space (Jackson, ICSE95 keynote)
- Hypothesis: the further away the design is from the problem space, the harder it is to discern intent
  - Get our basic concepts from the problem space
    - Objects
    - Processes
    - Etc
- Possible exception: we do some things in the design that are endemic to the solution space (eg, some of the non-functional properties)
- Which intent may be independent of the problem space