

Goals of Decomposition

- Incremental development (risk reduction)
- Parallel (team) development
- Evolution
 - (may or may not apply to CS461)

M Young, CS461 guest lecture









Design for Test

- Build Plan: Testable subsystems
 - Frequent incremental builds with observable behavior
 - Scaffolding as part of the plan and product
 - May be arranged to test riskiest parts first
- Checkable interfaces
 - Particularly between individual developers and teams

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- May involve adding or "moving" interfaces
 - ex: text I/O of critical data structures
 - ex: scriptable abstraction below GUI

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