

Operating System Structures

• Clearly o/s could involve a whole lot of code (e.g., second edition of textbook says 29M lines of code for Windows 2000). How to structure?

- Choices include:
 - Monolithic systems.
- Layered systems.

- Microkernels.
- Client-server model.
- Virtual machines.
- Exokernels.











Microkernel Systems, Continued
Arguments for — modularity, reliability.
Arguments against — tricky to plan layers, performance might be reduced.











Slide 14

Minute Essay • Tell me something you learned from reading chapter 1 of the textbook.