

EECS 211: Advanced System Software Lecture 5

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Lecture 5: Overview

- Course administration
 - Prerequisite Quiz
 - Assignment 1
- Memory Management
 - Main Memory

Course Administration

- Prerequisite Quiz
 - Results
 - Quite positive, everybody seems to be well-prepared
 - Solution
 - PrerequisiteQuiz_Solution.pdf

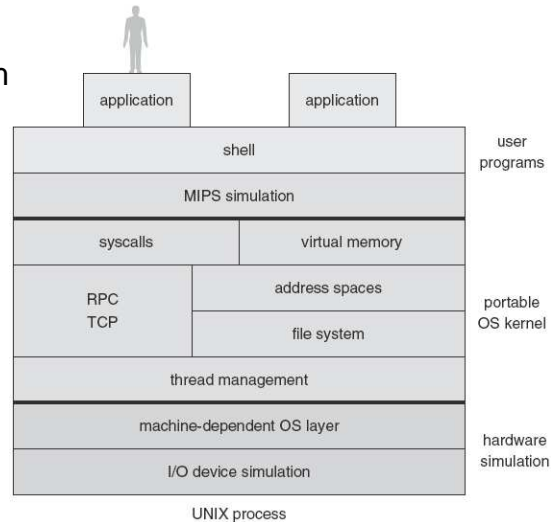
Course Administration

- Assignment 1
 - Schedule
 - posted on course web page Jan 19, 2006
 - due Jan 26, 2006 (this Thursday!)
 - The Nachos System
 - Task 1: Get an overview
 - Text book, Appendix D (contents online)
 - Task 2: Setup the software
 - Setup environment, copy tar-ball, unpack, compile, test
 - Task 3: *Understand* the Nachos system!
 - Read documents, source code
 - Deliverables
 - none (but the next assignment relies on this one!)

Course Administration

• Assignment 1 – The Nachos System

- User code: emulated by MIPS simulator
- Kernel: normal (debug'able) Unix process
- I/O System: simulated by std. process I/O



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Memory Management

- Excerpts from chapter 8 of *“Operating System Concepts”*, 7th Edition, by A. Silberschatz, P. B. Galvin, G. Gagne, John Wiley & Sons, 2005.
- Main Memory

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