

EECS 211: Advanced System Software Lecture 12

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Lecture 12: Overview

- Course administration
 - Midterm Exam
 - Assignment 4
- Protection and Security
 - Protection

Course Administration

- Midterm Exam Review
 - Results
 - Quite positive, everybody seems to be on track
 - Solution
 - `MidtermExam_Solution.pdf`

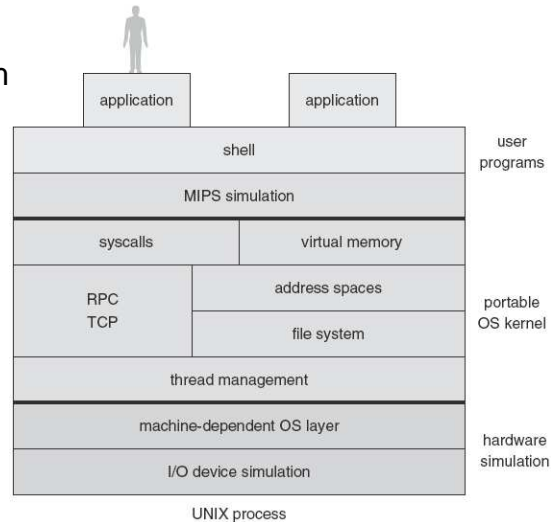
Course Administration

- Assignment 4
 - Two-week assignment
 - posted yesterday (Feb 19, 2007)
 - due March 5, 2006, at 11:59pm (midnight)
 - The Nachos System
 - User program execution
 - Exception handling, System calls
 - User programs as test cases
 - Positive tests
(`HelloWorld`, `Echo`, `List`)
 - Negative tests
(`StoreAtZero`, `WriteToInvalidFile`, `ReadFromStdout`)
 - Deliverables
 - Noteboard discussion (extra credit!)
 - Source files
 - Text files (including logs)

Course Administration

- Assignment 4
- 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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Protection and Security

- Excerpts from chapter 14 of *“Operating System Concepts”*, 7th Edition, by A. Silberschatz, P. B. Galvin, G. Gagne, John Wiley & Sons, 2005.
- Protection

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