EECS 211: Advanced System Software Lecture 18

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Lecture 18: Overview

- Course Administration
 - Final Course Evaluation
- Assignment 5
 - Exception handling and system calls
- Protection and Security
 - Cryptography

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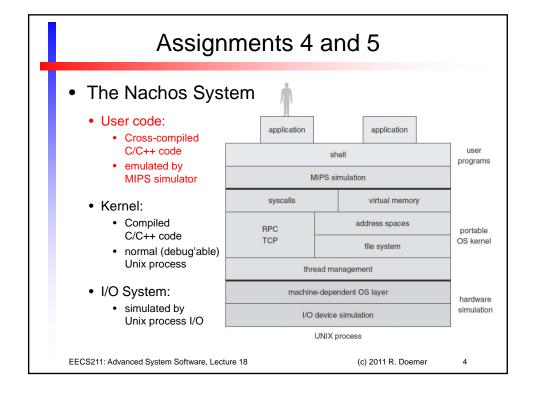
Course Administration

- Final Course Evaluation
 - 8th through 10th week
 - February 22, 2011 March 13, 2011, 11:45pm
 - Online via EEE Evaluation application
- Feedback from students to instructors
 - Voluntary
 - Completely anonymous!
 - Very valuable!
- Please help to improve this class!

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Assignment 5

- Exceptions and System Calls in Nachos
 - Implement exception handling and system calls
 - Implement ExceptionHandler(); handle 9 exceptions
 - Implement SystemCall(); handle 7 (out of 9) system calls
 - Validate kernel using the test programs from Assignment 4
 - "good" programs: HelloWorld.c, Reverse.c, ListFile.c
 - "bad" programs: MemError.c, FileError.c, IOError.c
 - · Make your kernel bullet-proof!
- Deliverables
 - brief explanation (in body of email)
 - exception.cc
 - Log files of running examples from Assignment 4
 - Email to doemer@uci.edu
- Due
 - Wednesday, March 9, 2011, at 2pm (sharp!)

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Protection and Security

- Excerpts from chapter 15 of "Operating System Concepts", 8th Edition, by A. Silberschatz, P. B. Galvin, G. Gagne, John Wiley & Sons, 2009.
- Protection and Security
 - Cryptography

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