

Outline for May 15, 2006

Reading: text, §16.4.2.5–16.5, 17.1–17.2.1, 33

1. Greetings and felicitations!
2. Execution-based flow mechanisms
 - a. Variable classes
3. Examples
 - a. Security pipeline interface
 - b. Secure network server mail guard
4. Confinement problem
 - a. What it is
 - b. Covert channels
 - c. Rule of transitive confinement
 - d. Difficulty of preventing leaking
5. Isolation: virtual machines
 - a. What it is