February 16, 2024 Outline

Reading: text, §8.5, 9.1–9.2
Assignments: Project Progress Report, due February 16; Homework #3, due February 21
Extra Credit #D, due February 23

Module 32 (Reading: [WB04])

1. Traducement
   (a) Problem of recordation
   (b) Requirements of solution
   (c) Ideas, entities, and rules
   (d) Proposition and theorems
   (e) Naming
   (f) Validation of model
   (g) Consequences
      i. Practice and use
      ii. Assumptions

Module 33 (Reading: text, §8.5)

2. Break-the-glass policies

Module 34 (Reading: text, §9.1)

3. Problem with instantiation of Bell-LaPadula Model
   (a) Covert channel example: what is “writing”?
   (b) Composition of lattices
   (c) Principles of autonomy and security

Module 35 (Reading: text, §9.2)

4. Deterministic noninterference
   (a) Model of system
   (b) Example
   (c) Relationship of output to states
   (d) Projections and purge functions

1See the handout page in Canvas