April 3, 2017 Outline

Reading: *Chapters from revised text*, §2, 3.1

1. Introduction to class
    a. General information
    b. Homework
    c. Handouts
2. Access control matrix and entities
    a. Subject, objects (includes subjects)
    b. State is (S, O, A) where A is access control matrix
    c. Rights (represent abstract notions)
3. Instantiating access control matrices
    a. Example: UNIX file system
        i. *read*, *write*, *execute* on files
        ii. *read*, *write*, *execute* on directories
    b. Example: History and limiting rights