January 23, 2014 Outline

Reading: *text*, §4   **Assignment due:** Homework #1, due January 23, 2014

1. Policy and models
2. Trust
3. Policy vs. mechanism
4. Policy languages
    a. Web-based constraints
    b. *tripwire*
5. English policy
    a. Authorized Use Policy
    b. Electronic Mail Policy
6. Secure, precise
    a. Observability postulate
    b. Theorem: for any program p and policy c, there is a secure, precise mechanism m^* such that, for all security mechanisms m associated with p and c, $m^* \approx m$
    c. Theorem: There is no effective procedure that determines a maximally precise, secure mechanism for any policy and program