Outline for January 20, 2012

Reading: §3.3, 3.4, 3.5

1. Conspiracy
   a. Access set
   b. Deletion set
   c. Conspiracy graph
   d. \(I, T\) sets
   e. Theorem: \(can-share(\alpha, x, y, G_0)\) iff there is a path from some \(h(p) \in I(x)\) to some \(h(q) \in T(y)\)

2. Schematic Protection Model
   a. Protection type, ticket, function, link predicate, filter function
   b. Take-Grant as an instance of SPM
   c. Create rules and attenuation

3. Safety analysis
   a. Definitions
   b. \(path^h\) predicate
   c. Capacity flow function
   d. Maximal state: definition, existence, derivability

4. Acyclic attenuating schemes and decidability

5. Expressive power
   a. SPM and HRU
   b. ESPM and multiparent create
   c. Simulation and expressiveness