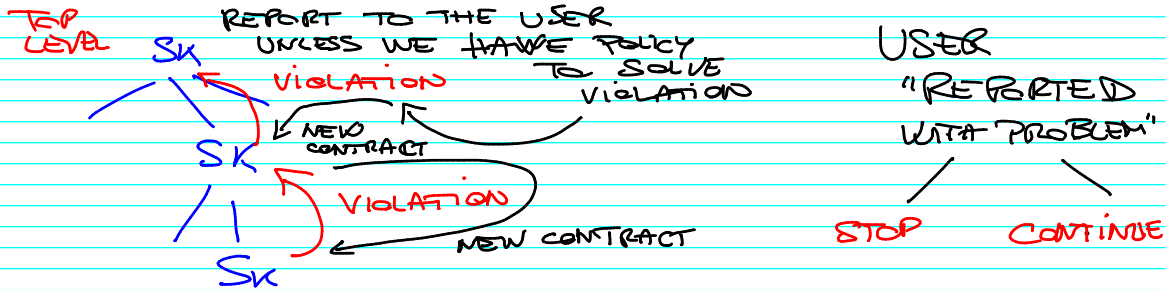


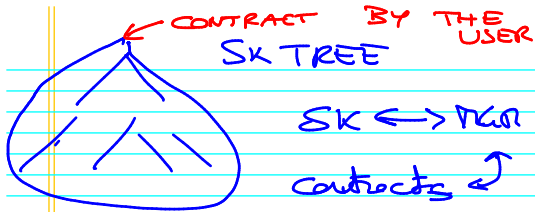
PASSIVE STATE

- 1) KEEP CURRENT STATUS
- 2) WAIT FOR A NEW CONTRACT
- 3) KEEP SIGNALING VIOLATION

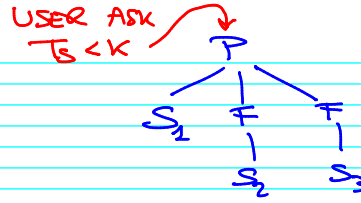


USER \rightarrow $T_s \in [\emptyset, 3 \div 0, 7]$
 (APPL. PROGRAM.)
 ↳ tasks
 x second

SYST. PROGRAMMER
 ↳ {rules}

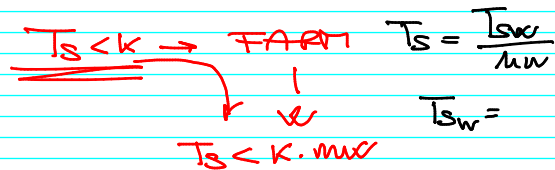
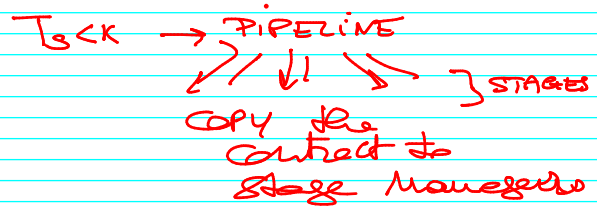


APPLICATION
whole SK Tree

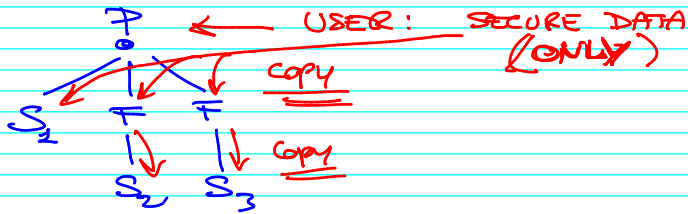


We need to "propagate" the user contract down in the tree

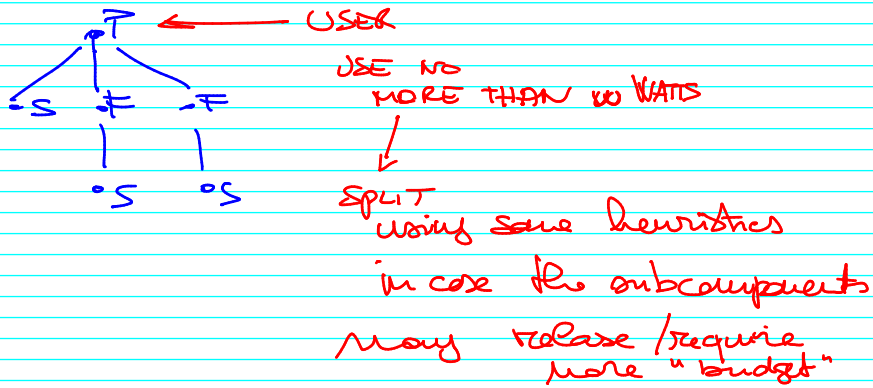
PROCEDURE :

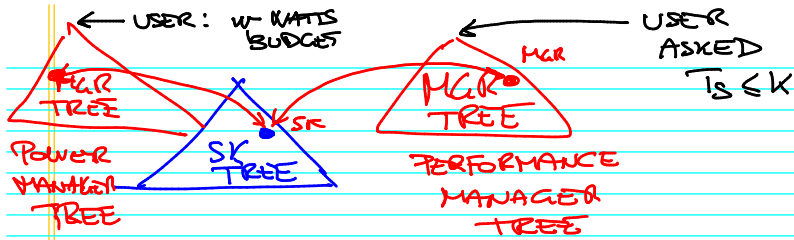


NF CONCERN : SECURITY



NF CONCERN : POWER MANAGEMENT





POWER MGR RULE

RULE₁ :: if (spending more than budget) then RELEASE RESOURCE

PERF MGR RULE

RULE₂ :: if (underperforming) then INCREASE PAR DEGREE
 (⇒ ACQUIRE RESOURCE)