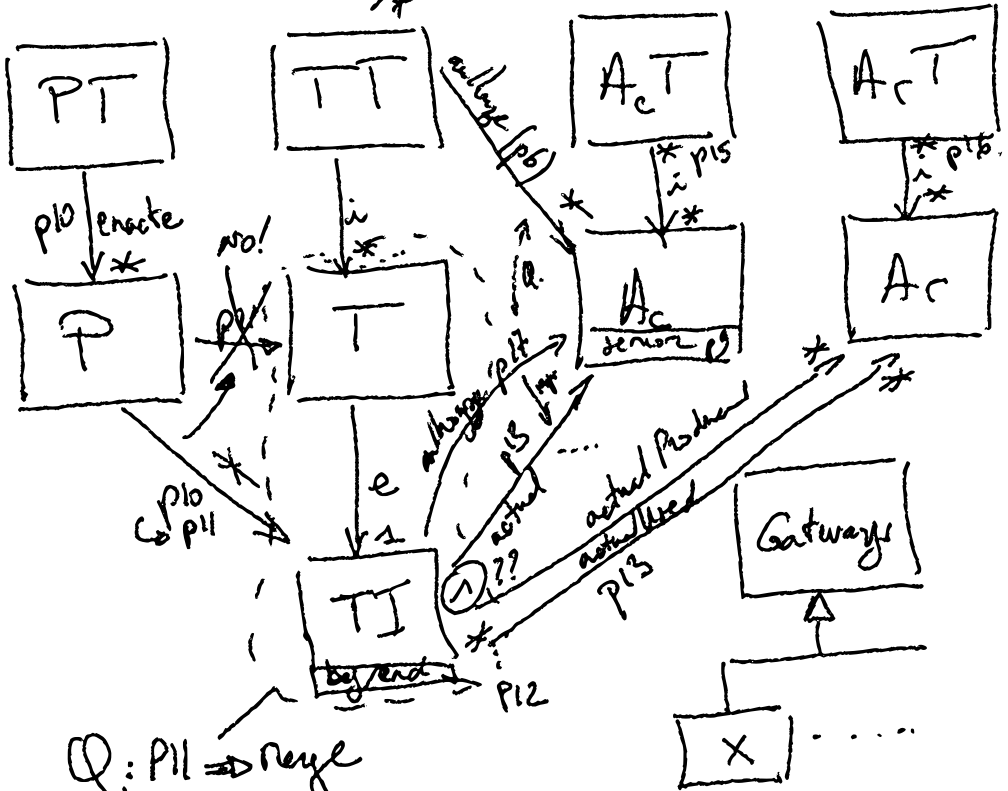


20

with pH assuming Type = class  $\oplus$



Q: P11  $\Rightarrow$  Regel

plf (automatically)  
 $\exists \text{ act} \in H$ , with  
 $\forall t \in H$   
 $\forall a \in \text{act}$ , either  
 $a \in t$ , or  $\neg a$ .

pl7  
act. actual  
→ act. with

plh.  
 $\forall a \in t.\text{used} \left[ \begin{array}{c} \text{sup} \\ \cdot t.\text{produced} \end{array} \right]$   
 $a.\text{at} \in t.\text{tt} \left[ \begin{array}{c} \text{used sup.} \\ \cdot \text{produced} \end{array} \right]$

a. at  $\in$  [i.e.  $\in$  produced]

It's at  $\uparrow$  (p16) not unique then??

Hyp fnte

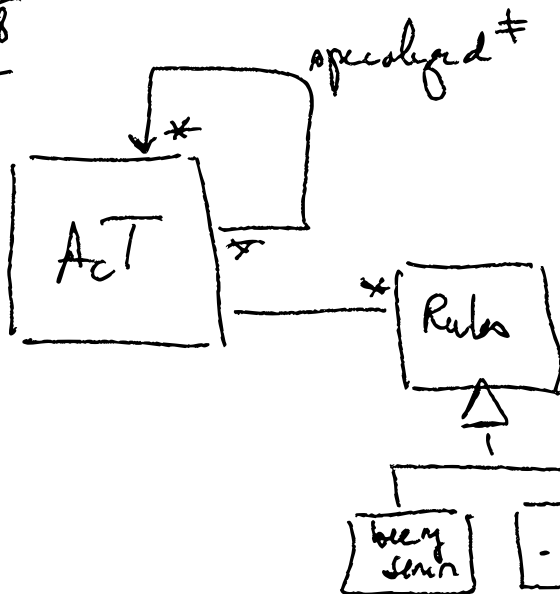
$\text{gp} / \text{enacted} \Rightarrow \models \text{Descript}^i$

Hypp fandle

hypo forable  
enacted  $\Rightarrow$   $\Delta O \neq$  Desayti  
+ may evolve.

++ may rules

p18



specialized  $\neq$

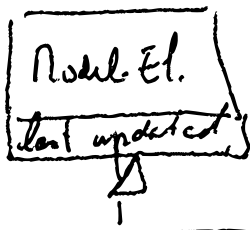
$\neq$  not  $\uparrow$   
since ad-hoc  
semantics

p18

$x \in \text{act.ub}$   
 $\Rightarrow \forall at \in$   
 $\text{act. spec}^t$

$x \in \text{act. rules}$

p19



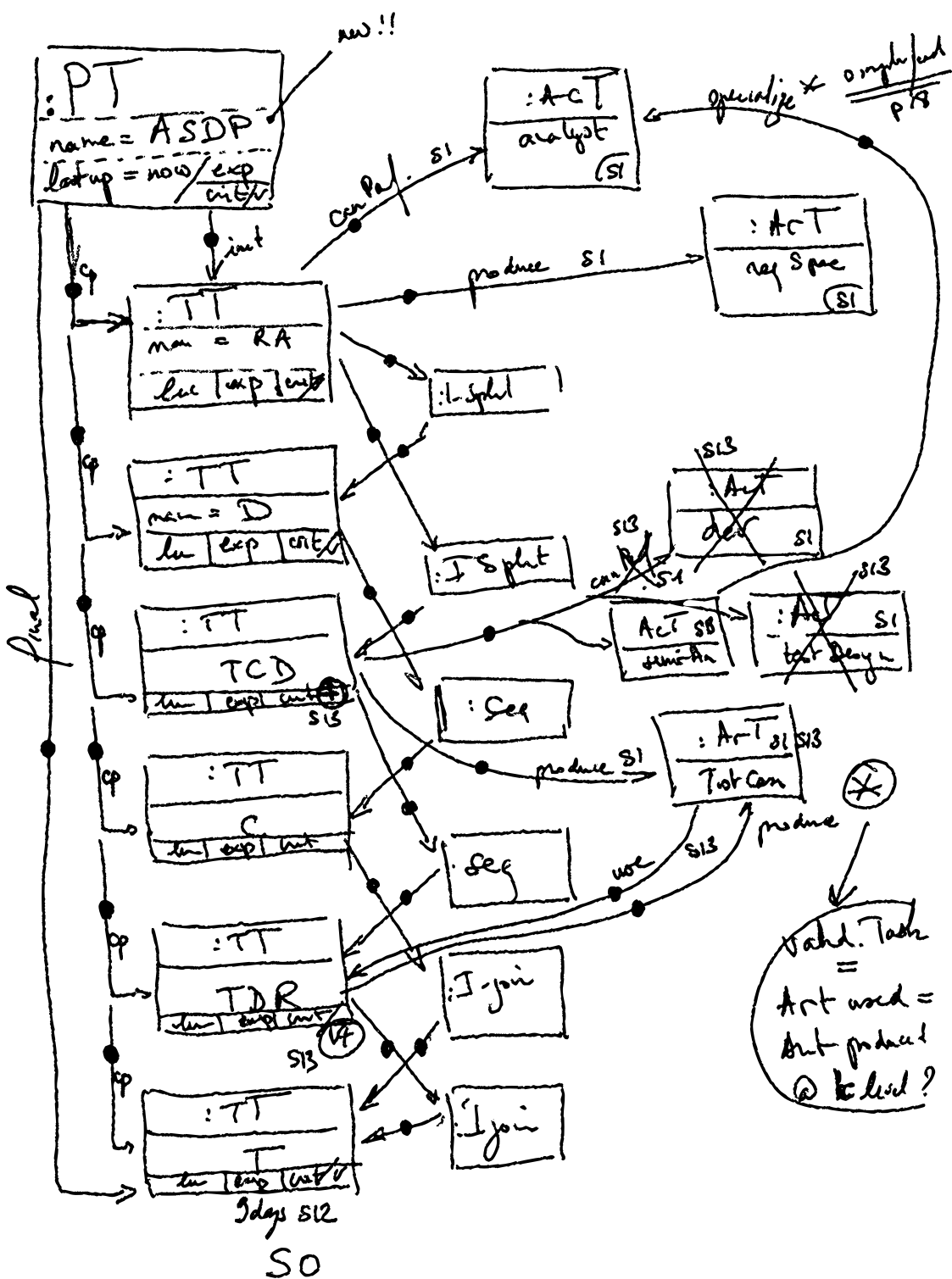
----- all concepts.

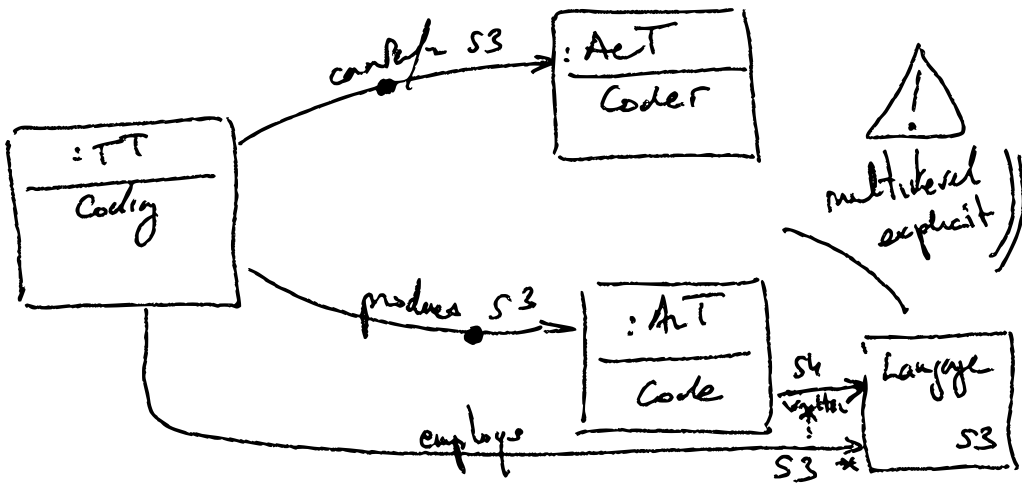
$\Phi$ : properties... are  
+ copied or not...  
Semantics vs implement

$\Delta$  comment p9 513

underspecified.

Artifact should have a lifecycle !!  
created  $\rightarrow$  editing  $\rightarrow$  validated  
 $v_{so}$   $\uparrow$  ?  $\downarrow$   
reuse (v+1)





! multilateral explicit

Abol. example

(S5)  $c: Art, cc: TT$

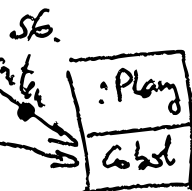
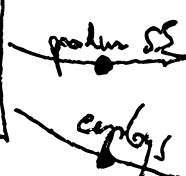
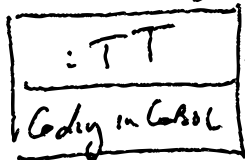
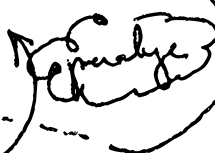
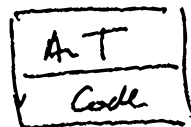
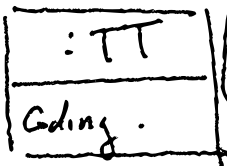
(S3) implicit S5?

or  $c \in cc$ . produces

$c$ . written by  $\in cc$ . employs

Try without implicit specialize (x2)

2x implicit S5 (as Art) also semantics.



S6

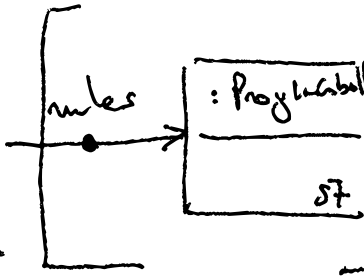
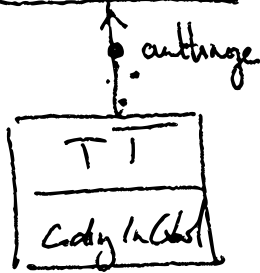
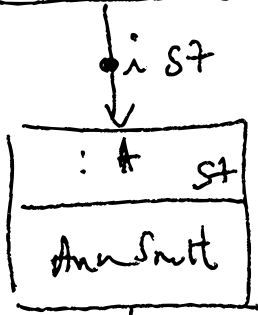
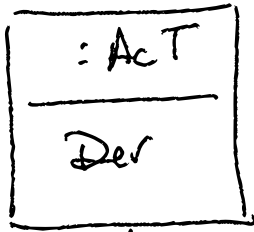
$\forall t \in tt$   
 $t.name = Cobol$

$\in$  written name = Cobol.

(S5)

$\forall p \in Play.$   
 $\forall t \in tt$   $t.name$  Coding in Cobol  
 $\Rightarrow t.employs.size = 1 \dots = cobol.$

D.f. Lien Assoc



ST  $\exists !$ . Progi Gbol = CBL  
 $\forall a \in A$   
 $\exists$   $a$   $\text{rules} \Rightarrow \text{CBL}$   
 $a \text{ name} = A \text{ Smith}$

Variante  
 Ko.

(ST)  $t \in TT$   
 $t = \text{Cin Gbol}$   
 $\Rightarrow t. \text{allage} = \text{Ann Smith}$

[ part - il y avoir plusieurs  
 Ann Smith ? ]

d'après la  $P_i$   
 garantie la condition.  
 pas construction.

Pb... on spécifie... on  
 n'implémente.  
 $\Rightarrow$  new / del / .....  
 Opérateur ?? FPL