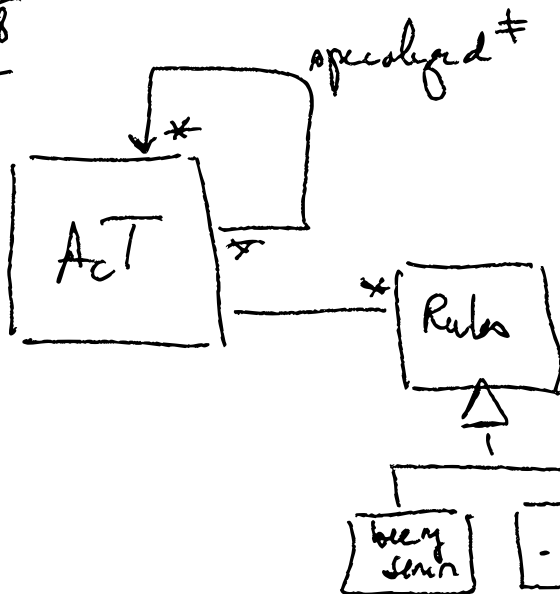




p18



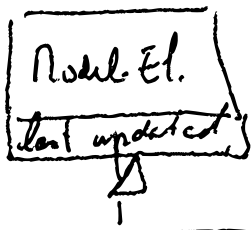
$\neq$  not  $\uparrow$   
since ad-hoc  
semantics

p18

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

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

p19



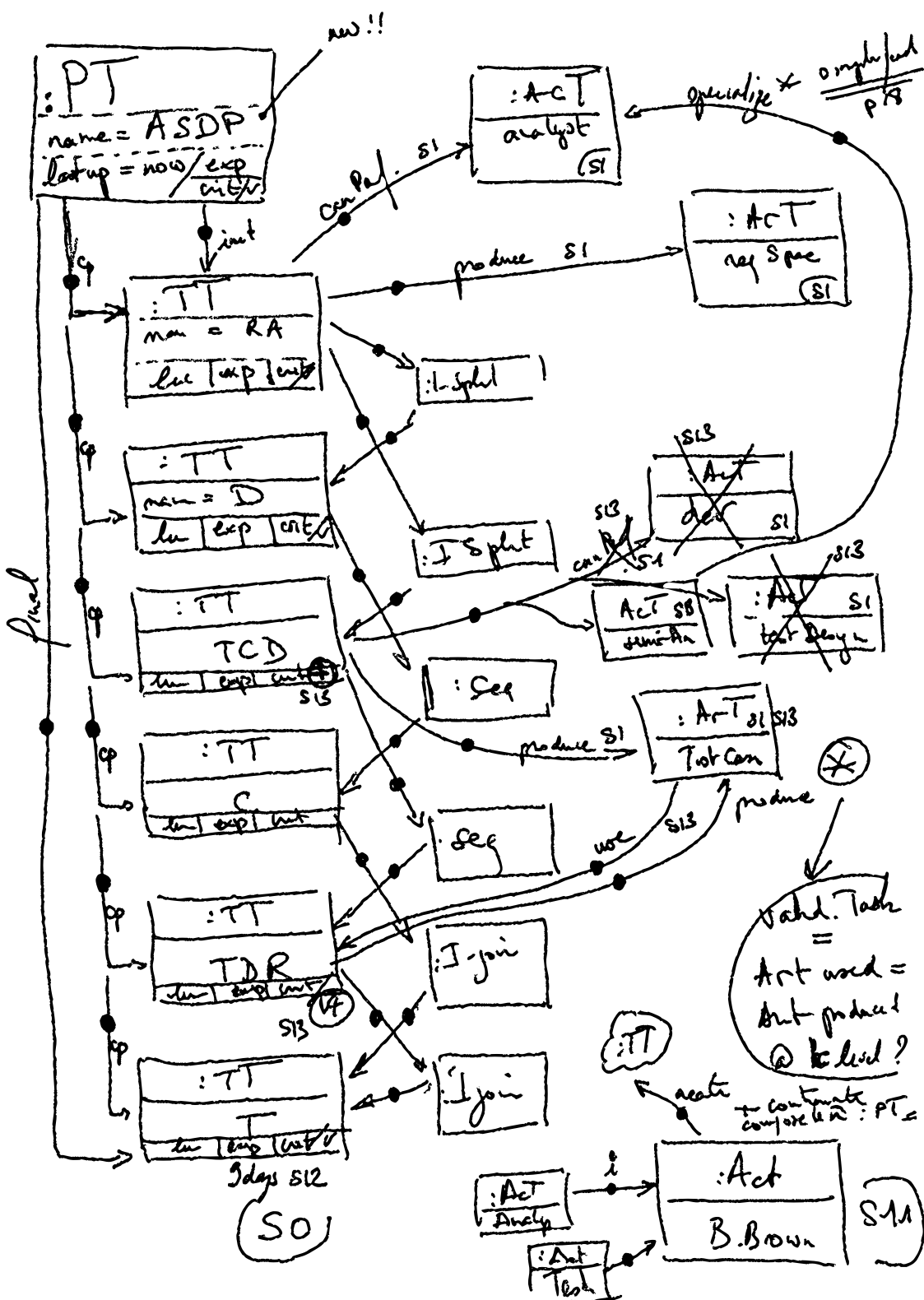
----- all concepts.

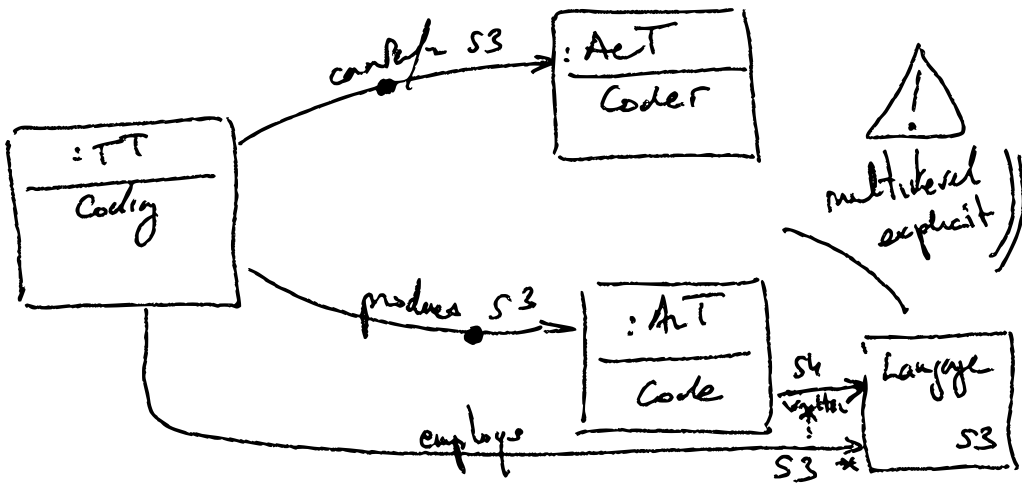
$\Phi$ : properties... are  
+ copied or not...  
Semantics vs implement

$\Delta$  comment p9 513

underspecified.

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





! multilateral explicit

Abol. example

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

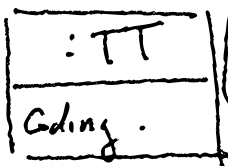
(S3) implicit S5?

or  $c \in cc$ . produces

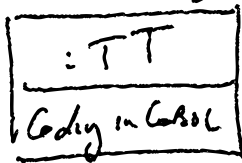
$c$ . written by  $\in cc$ . employs

Try without implicit specialize (x2)

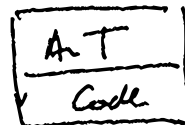
2x implicit S5 (as AcT) also semantics.



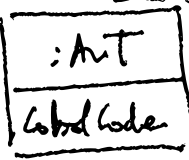
Specialize



produces S5

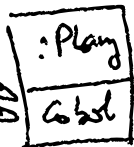


Specialize



employs

S6.



S6

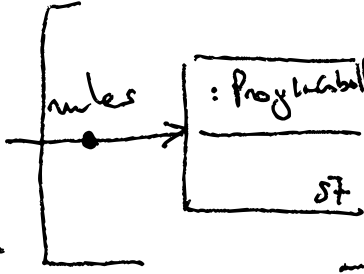
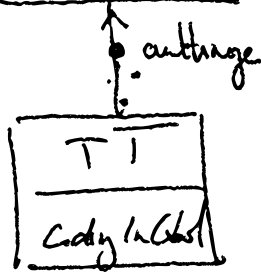
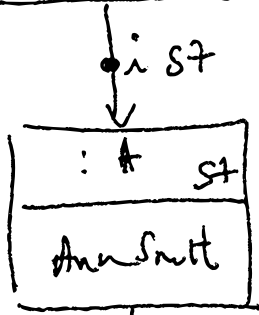
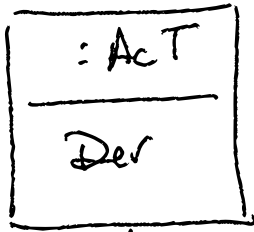
$\forall t \in tt$   
 $t.name = Cobol$

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

Variante  
 Ko.

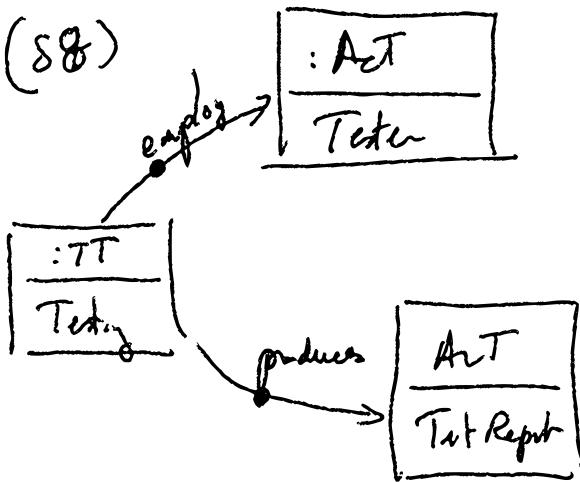
(st)  $t \in TT$   
 $t = \text{Cn Gbol}$   
 $\Rightarrow t. \text{allage} = \text{Ann Smith}$

[ part - il y avoir plusieurs  
 Ann Smith ? ]

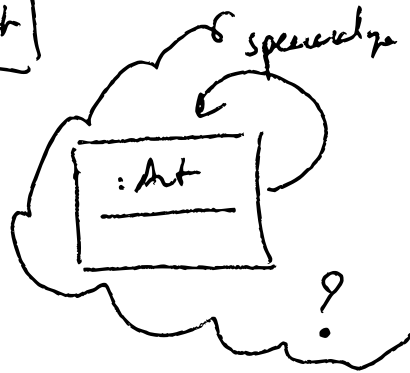
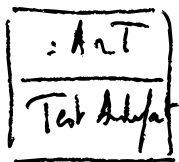
d'après la  $P_i$   
 garantie la condition.  
 pas construction.

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

(S8)



S9  
Q



Defini

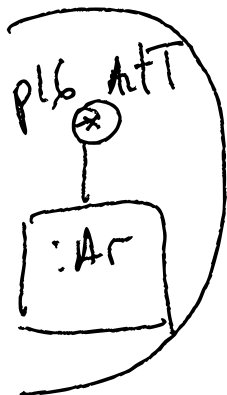
"par nom"

"par extension"



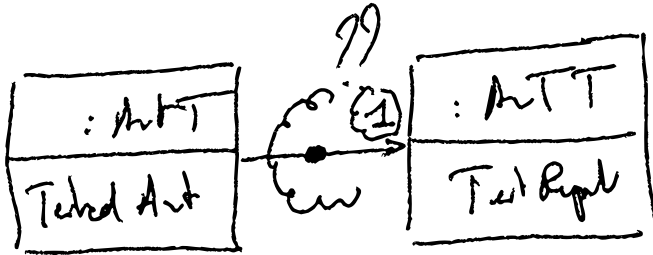
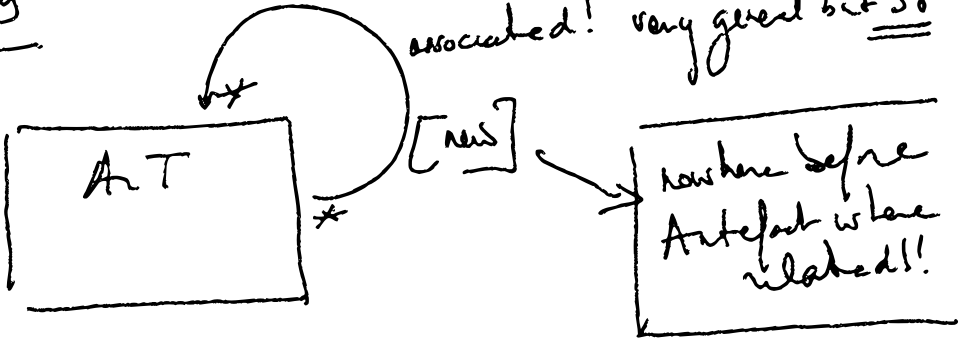
Tested Artifact =  
produced by a Test  
Task?

Dee R. Jackson

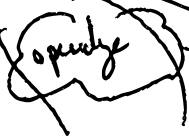
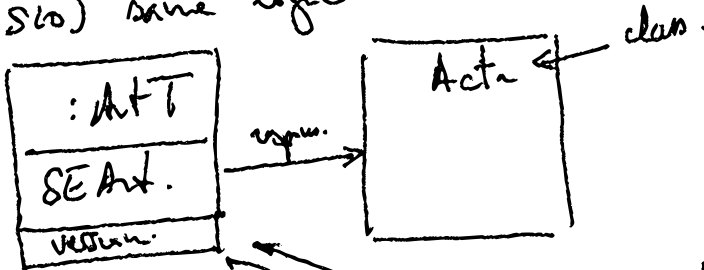


induit mon interprétation : a un tested Artifact  
"par nom"  $\rightarrow$  a. i  $\Rightarrow$  Test Artifact  
[pose le pb de la sémantique  
de l'image d'un artefact]

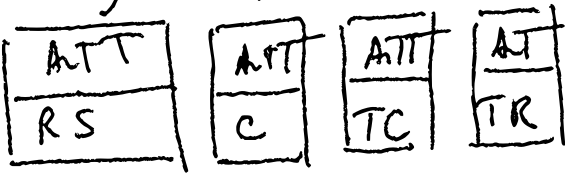
SG



sto) same logic



need!!



clajuz NATUREL

→ impossible antelope  
la profondeur  
of "Ann Smith"

→