

□ has



allow categories here?

can ask "if  $X$  is Domain"?

# Aldor Unit

Test My Domain :  $\downarrow$  = = ..

test Blah 1(): () = = ..

test Foo 1(): () = = ..

TMD: with {  
get this by summary  
t1: () -> ()  
t2: () -> ()  
⋮  
tn: () -> ()  
} := adof  
t1(): () = = ..  
t2(): () = = ..  
⋮  
tn(): () = = ..

TMD: with {  
tests: List(() -> ()):  
= adof  
let t1(): () = = ..  
⋮  
let tn(): () = = ..  
test: List(m -> n) = =  
[t1 .. tn]  
}

$\text{Foo}(X, Y) \text{ I} (C: \text{Category}, n: \text{Int}, T: C) : C \text{ with}$

$f: X \rightarrow \%$  { covers }

$f: Y \rightarrow \%$  := T add

$\} = = \text{val of } \{ \} \text{ Record}(X, Y)$

$f(x: X) = [x, n]$   
 $f(y: Y) = [1, y]$

$\text{FOO}(X, X) \text{ R}(T, I) \#$

$I_1 = I(1, T)$

$I_2 = I(2, T)$

$R(I_1, I_2)$

$f(t: T)$

② Instance(n: Int, T: Type)

$A(n: \text{Integer})$ ,  $B(X: \text{PrimitiveType})$   
categories

$\text{Dom } A_1: A(1)$

$\text{Dom } B_1!$

$\text{Dom } A_2: A(2)$

$\text{Dom } A_1$  has  $A(2)$ ?

Bug!