

(define-type FT  
[unknown])

[person (n : String)  
(m : FT)  
(f : FT)]])

Sum of products

& → \*  
+ → +

- recursive ref

- base case

- name

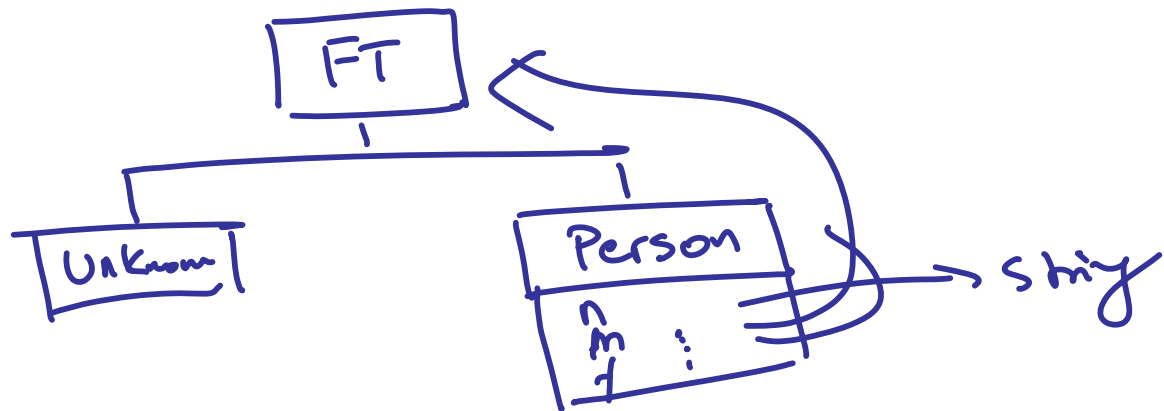
- constr, sel, pred

---

- new name

- record

- multiple variants



(define-type FT  
[unknown])

[person (n : String)  
(m : FT)  
(f : FT)])

(df BT  
[mt]  
[w...])

unknown:  $\rightarrow$  FT

person: SK FT FT  $\rightarrow$  FT

person-n: FT  $\rightarrow$  Str <sup>person?</sup>

person-m: FT  $\rightarrow$  FT

-f : FT  $\rightarrow$  FT

x : FT

(FT? x)  $\rightarrow$  true

x : ~~FT~~  
(FT? x)  $\rightarrow$  false

unknown? : FT  $\rightarrow$  boolean

person? : FT  $\rightarrow$  boolean

retrofitted type system