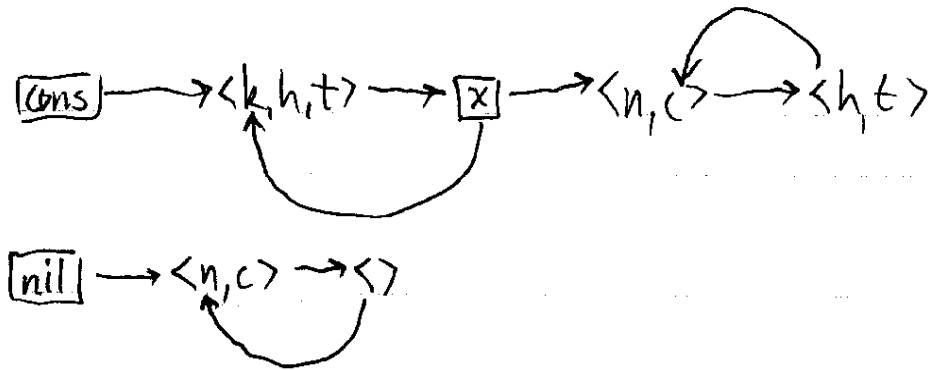


15.30-17.00 Th. 29th sep '04

Nil: $\mu A. \text{nil?} \text{nc. } n' | A$

Cons: $\mu A. \text{cons?} pht. \forall x. k!x | A | \mu B. x?nc. c!ht | B$

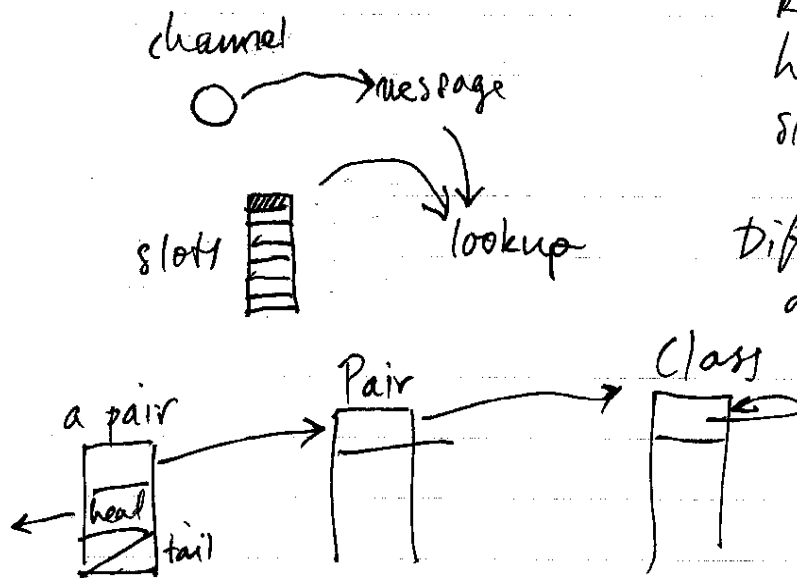


Pair: (Root doneWith: ~~XXXXXXXXXX~~
 $\{ \#head \rightarrow Nil. \#tail \rightarrow Nil \}$).

$p @ (Pair) \text{ head } [p \text{ at: } \#head]$.

$p @ (Pair) \text{ tail } [p \text{ at: } \#tail]$.

$p @ (Pair) \text{ head: } x [p \text{ at: } \#head \text{ put: } x]$.



Regular objects
 have class as
 slot \emptyset .

Difference between
 delegating and
 embedding
 prototype object
 languages?