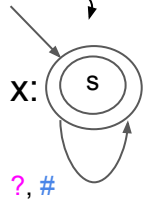


*Abstraction*



1. `list* x = new {.next=NULL, .data=#};`
2. `while (nondet())`
3. `y = x; x = new {.next=y, .data=?};`
4. `while (x->data != #)`
5. `x = x->next; assert(x != NULL);`

**Predicates**

∅

**Predicate languages abstraction** collapses states having languages with non-empty intersection with the same set of predicate languages (also represented by automata).