

# Ucore explain

Project with Mario

- is ordered by priority  
first appearing will first  
likely be in the subprogram
- rules potentially generated  
some rules are derived into  
multiple ones  
how could we do this automatically  
in an algorithm?  
→ demand them as then reordered variables?  
From algorithm algorithm

• an atom from the  
stable model

could also be ordering  
using a preprocessor  
also for reordered  
condition on the reordered rules

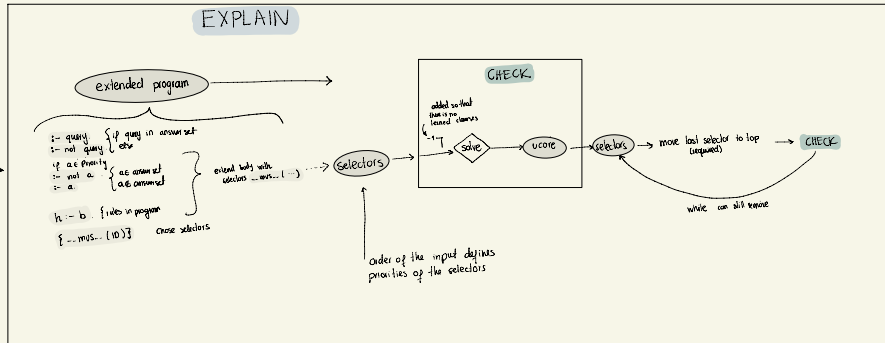
Will be inserted in flow

Program

Query

Answer set

Priority

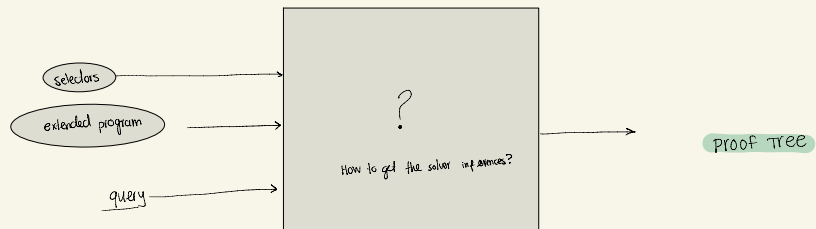


Selectors

extended program

Can generate a  
sub program

Will always be  
UNSAT  
if any selector is  
reordered, then we get SAT



- a :- b. (r1)
- b. (r2)
- a. (r3)
- d :- a, c. (r4)
- d. (r5)
- query d. (r6)

$$\frac{a \text{ :- } b \quad b}{a} \quad \frac{d \text{ :- } a, c.}{d} \quad \frac{d \quad \text{query } d}{\text{query}}$$