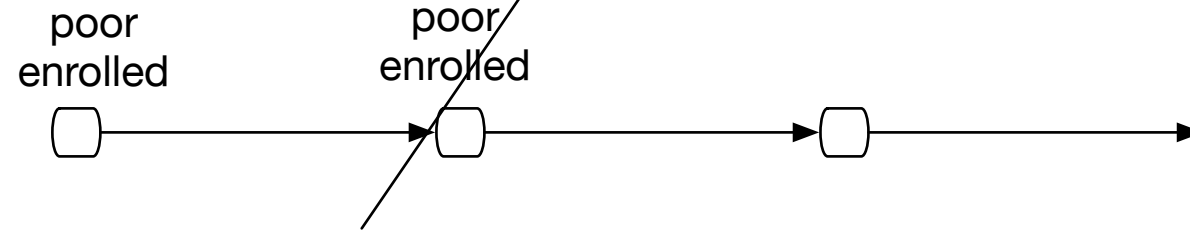


True history of the world - described by an action theory

(1)



Action theory:
enroll executable_if -poor
enroll causes enrolled

(2)



Suppose we observe enrolled and observed that enrolled is true at time step 1

we conclude that only (2) is a the correct history

We retrospectively look at the statement "john is poor"
which was given at time step 0

default(poor, [stm(poor)])

and conclude that the statement was false

(3)



(4)

