Week 8	
2019年6月21日 11:17 6/24	
6/26	
Legical plan	
- use logic to model the world and agent veasoning	
- (many!) different kinds of Lygic	
-> Propositional Believe (P)	
\rightarrow quantified BP	
Model P Bp 13p> P	
PNB7p — temporal.	
Al Planning	
logic + search	
State Suny=1	
$\frac{ Suning - I }{ Cloudy - F } = \frac{ Cloudy - F }{ Cloudy - F }$	
have $V = T$ have $V = T$	
in High state Good state	
$(\bigcap_{i \in \mathcal{A}} (\bigcap_{i \in \mathcal{A} (\bigcap_{i \in \mathcal{A}} ($	
Robotics $[\alpha_1, \alpha_2, \alpha_3, \alpha_4]$ is a plan.	
Shahay the Robot of 4 (d3 (d2 (d, (S)))) = Goal (tate [Shorter plans are better optimal plans] Making Tea	
- Put Water in kettle	
- hect the kettle until water book	
-get a cup	
- pour Water into Cup Lo two bettle	
-get tea bag	
— leave tea in Water for some time	
— addmilk \leftarrow ask if cream is ak to get milk	
— add sugar	
— mix the tea	
— Serve the tea	
Getting Dressed Octions Put on sock/shoe on left/right foot	
lett for	
left Sock left Shoe right Shoe	
Goal: left such on left fuot	
leftshoe on left sock	
right suck on right foot left sock on right foot	
right shoe on right sock	
on left foot on right foot	
On left foot On right foot	
ON 19T. Trot	
exact order doesn't always matter	
Some actions can be done in Parallel	

unduable actions
Blocks World (etaoin shrdlu)

B A state

goal state

Cust: Can you tell me where I can find the bread?

Emp: It's in aisle 2.

Cust: Thombs

Speech act theory