Inferred Latents Inferred Delex. **Observed Dialogue Dialogue State Change** Inferred API Call **System Dial. Acts** { 'hotel': { agent.find hotel(User: I need a hotel + 'area': 'east' area='east') in the east System: I found System: I found 15, Inform(choices=15), [choices], what price Request(price) what price range? range? {'hotel': { agent.find hotel(User: cheap, with + 'price': 'cheap', area='east', + 'internet': 'ves' price='cheap' wi-fi please internet='ves' Offer(System: how about System: how about name='cityroomz' [name]? city roomz?