Previous belief state **p(z)**

Belief update

Belief state **p(z|u)**

Partner symbolic actions **p(x|u)**

Agent symbolic action **y***

0.1

0.12

0.02

0.3

0.4

0.01

Plan

Read

Write

Partner utterance **u**: "*Is there a big light dot next to a big dark one?*"

Agent: "*Yes. Is there a smaller black one below them?*"