Rethinking the Agent Perceive-Reason-Act Loop

Michael Papasimeon

Agent-Environment Interaction

One

Two

Agent Control Loop...

Three

Or the BDI Control Loop...

Four

Let dig deeper...

Five

A level down...

Six

Seven

Eight

Agent Mental States

Nine

Ten

Eleven

Twelve

Thirteen

Environmental Representation

Fourteen

So what is the goal then?

Fifteen

Sixteen

Example: Jumping a Creek

Seventeen

How do we build such an agent?

Eighteen

Issues (1)

Nineteen

Issues (2)

Twenty

Example

Twenty One