Perception

{ object: "cup", position: {x: 8, y:4} }

Computable

Function
Query x State → Set of docs

Specification:
{ relation: "at",
object: {$exists: true}}

{ relation: "at", object: "cup", place: "kitchen_counter" }

Mapping
Documents - Predicates

(at cup kitchen_counter)

PDDL-based Planner