

PEAS Example:

Vacuum Cleaner

The PEAS description for this agent will be as follows:

1. Performance: Minimize energy consumption, maximize dirt pick up.
Making this precise : one point for each clean square over lifetime of 1000 steps.
2. Environment : two squares, dirt distribution unknown, assume actions are deterministic and environment is static(clean squares stay clean)
3. Actuators : Left, Right, suck, NoOp
4. Sensors : Agent can perceive its location and whether location is dirty.