

Experiment

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graph TD; subgraph Experiment; subgraph Task; Environment; end; end; Agent; Environment -- observation --> Agent; Agent -- action --> Environment; Environment -- reward --> Agent;
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The diagram illustrates the interaction between an Agent and an Environment within a Task, all contained within an Experiment. The Environment is a white rounded rectangle nested inside a gray rounded rectangle labeled Task, which is itself nested inside a larger gray rounded rectangle labeled Experiment. The Agent is a gray rounded rectangle at the bottom. Three arrows connect the Environment and the Agent: a downward arrow from Environment to Agent labeled 'observation', an upward arrow from Agent to Environment labeled 'action', and a downward arrow from Environment to Agent labeled 'reward'.

Task

Environment

observation

action

reward

Agent