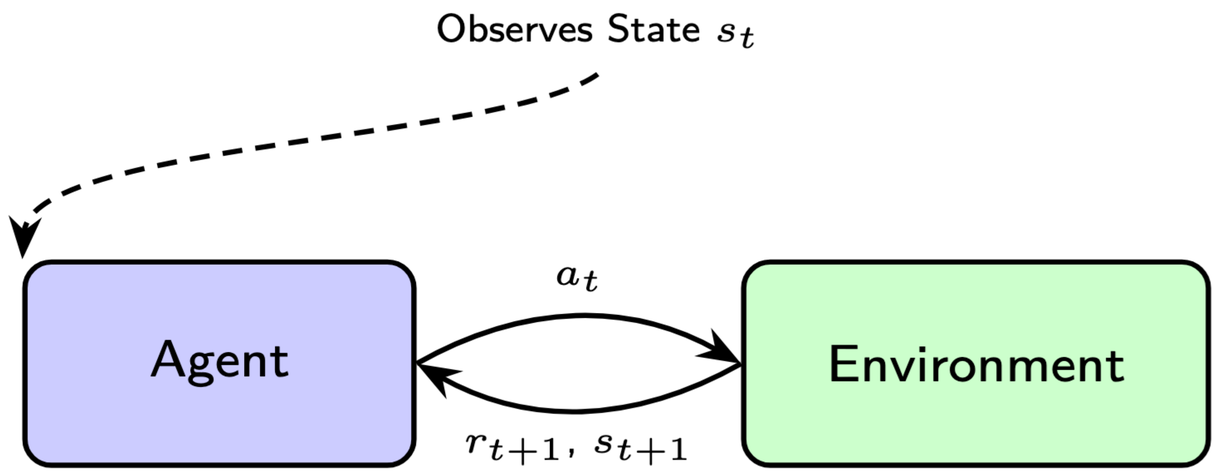
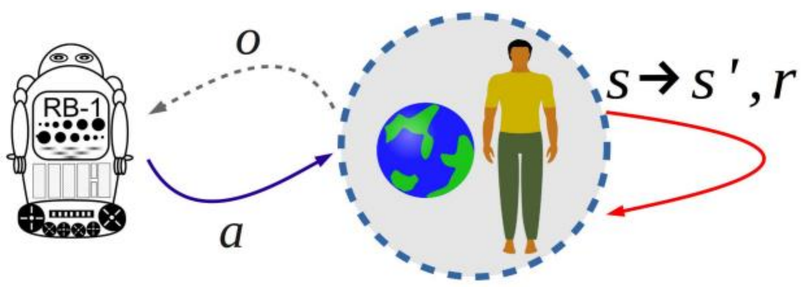
Special Interest Group: Reinforcement Learning

Hybrid Intelligence

Scope of our SIG



- **Reinforcement learning** is a machine learning paradigm for *learning to make sequential decisions.*



- Within the context of **Hybrid Intelligence**, the *environment* in which our agents make decisions is populated by **humans**. AI agents must adapt to them.

- Our SIG is dedicated to reinforcement learning and open to other relevant machine learning techniques for adaptive HI systems. It connects all members of the HI project that are interested in developing such learning techniques, as object of study or as tool.

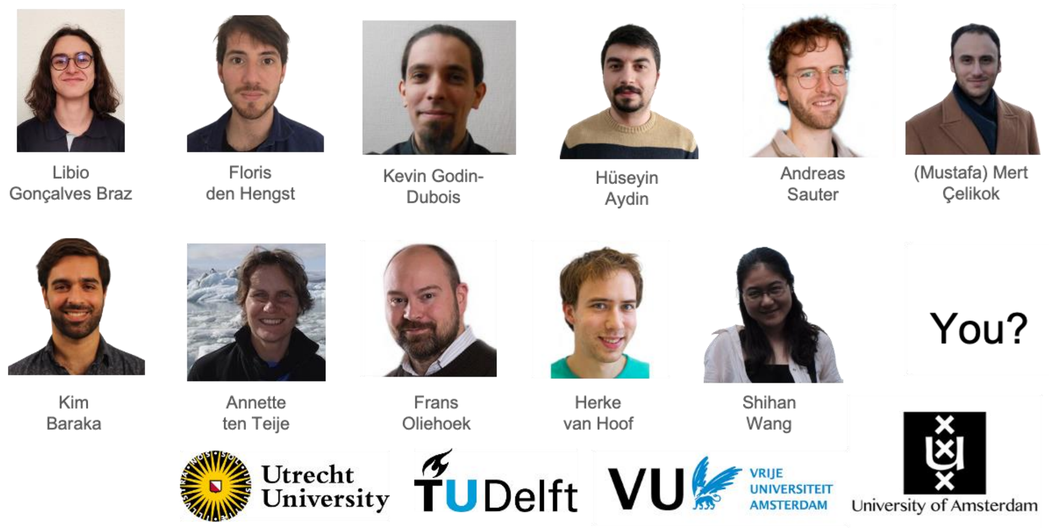
Recurring Activities

- **Monthly meetings with presentations.**
- **SIG-RL Slack channel for ad hoc discussions about RL.**
- **Development meetings for the SHARPIE project.**

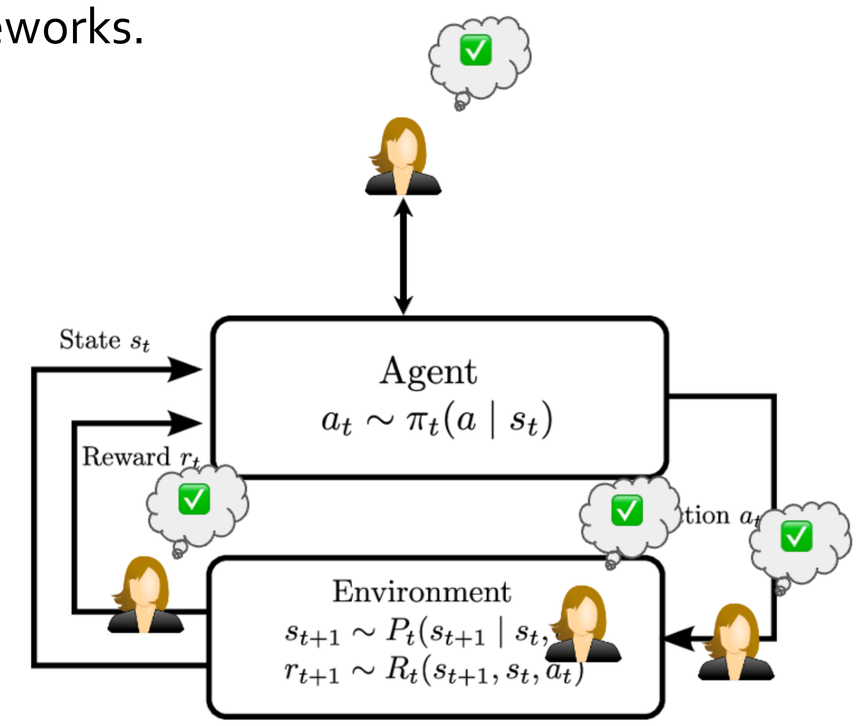
QR Code for Suggestions and Feedback

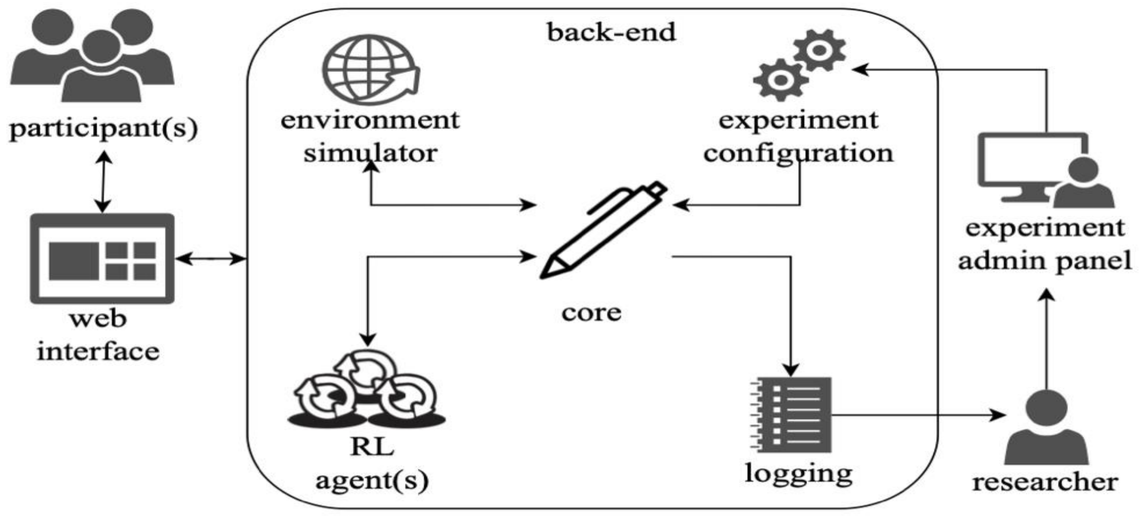
SHARPIE

- **Shared Human-AI Reinforcement Learning Platform for Interactive Experiments (SHARPIE)** is an engineering project managed by SIG-RL members.



- It enables performing human–AI interaction experiments within standard reinforcement learning frameworks.





- You can check it out with the QR code: