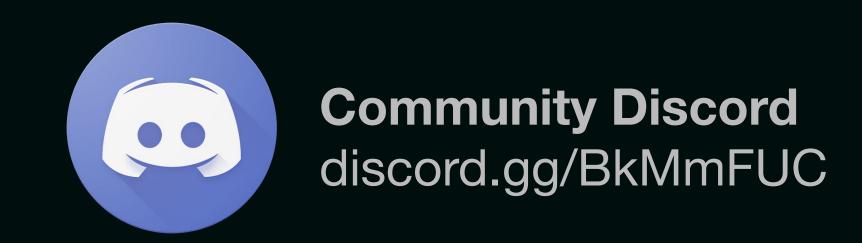
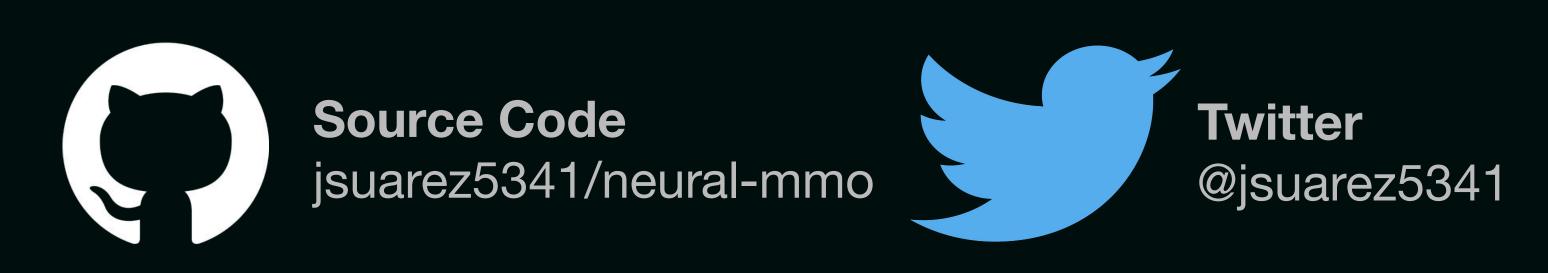


## The Neural MMO Platform for Massively Multiagent Research

Joseph Suarez, Yilun Du, Clare Zhu, Igor Mordatch, Phillip Isola





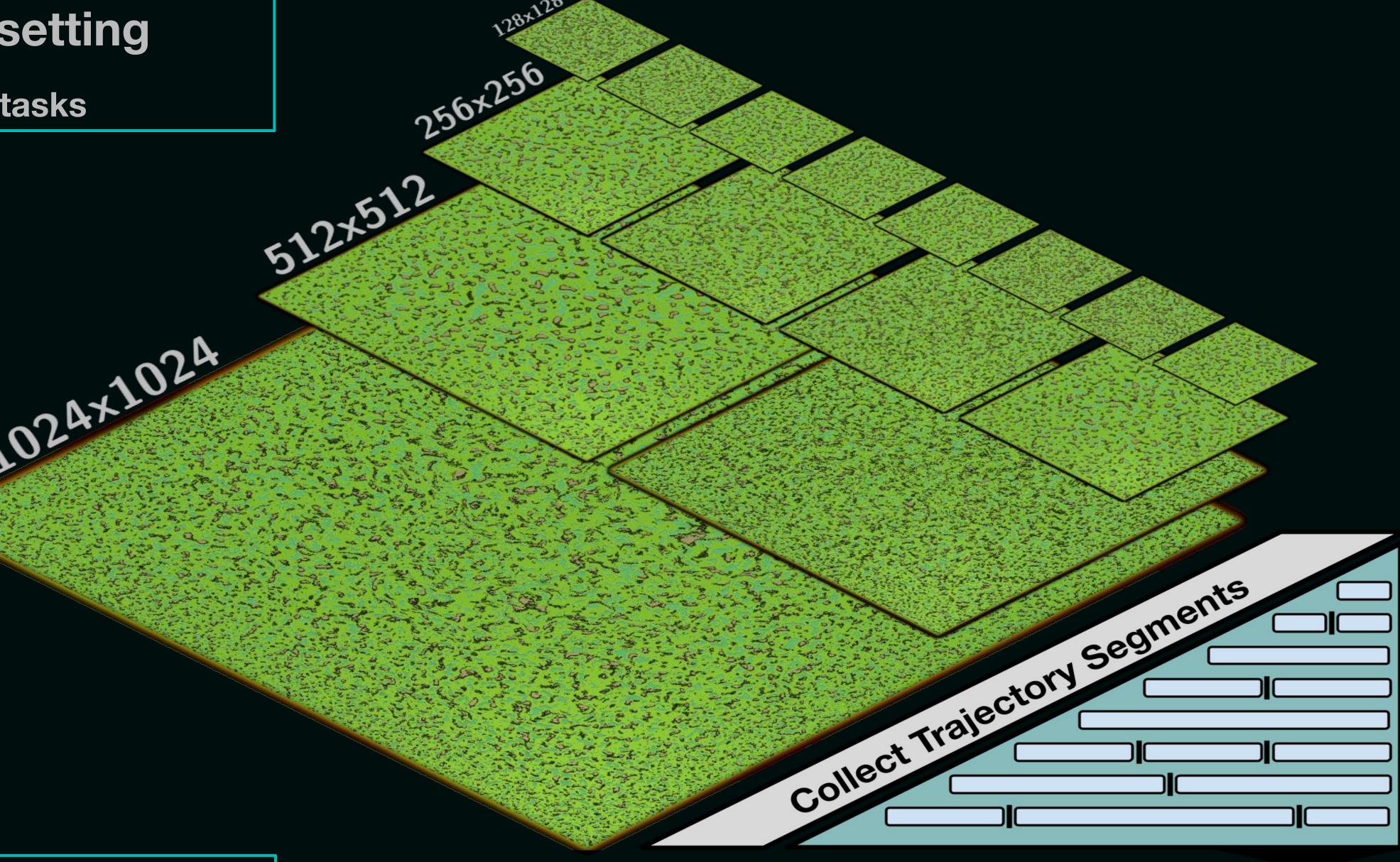


Neural MMO is an open-source and computationally accessible simulation platform for agent-based intelligence research. Environments are procedurally generated and configurable for a variety of problem scales -- from simple tasks involving few agents for one minute to multimodal tasks involving a thousand agents for a couple of hours.



Configure simulation parameters and define tasks

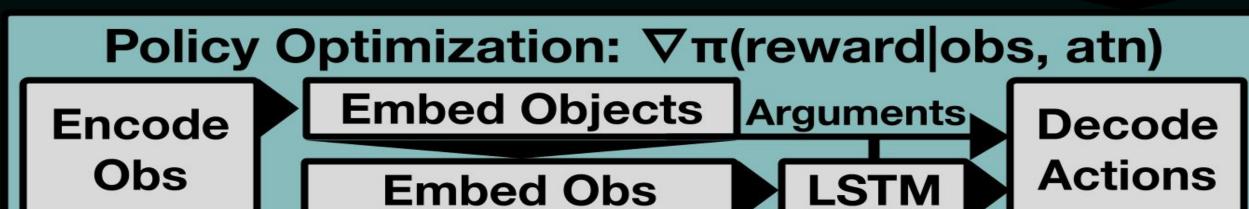




## 2: Develop agents for your tasks

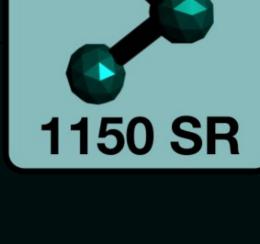
We provide an RLlib wrapper for training and a scripting API Evaluate skill rating (SR) via tournaments vs. baselines





## 900 SR 500 SR 1500 SR Unrated





## 3: Visualize Behaviors

We provide an interactive 3D Unity client and a 2D overlay API Monitor additional aggregates statistics via WanDB integration

