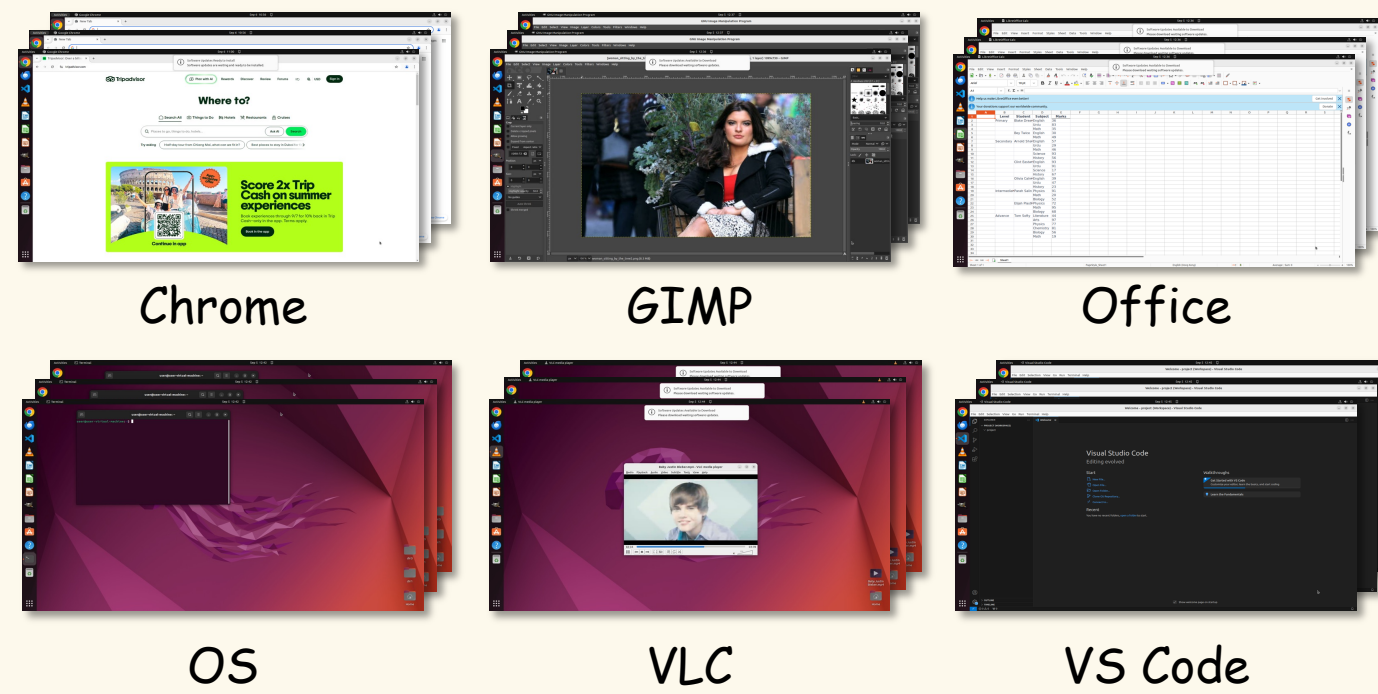


GUI Task Pool

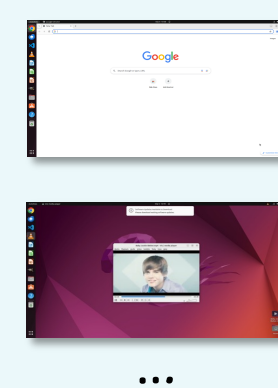


1 Credit-Aware Sampling

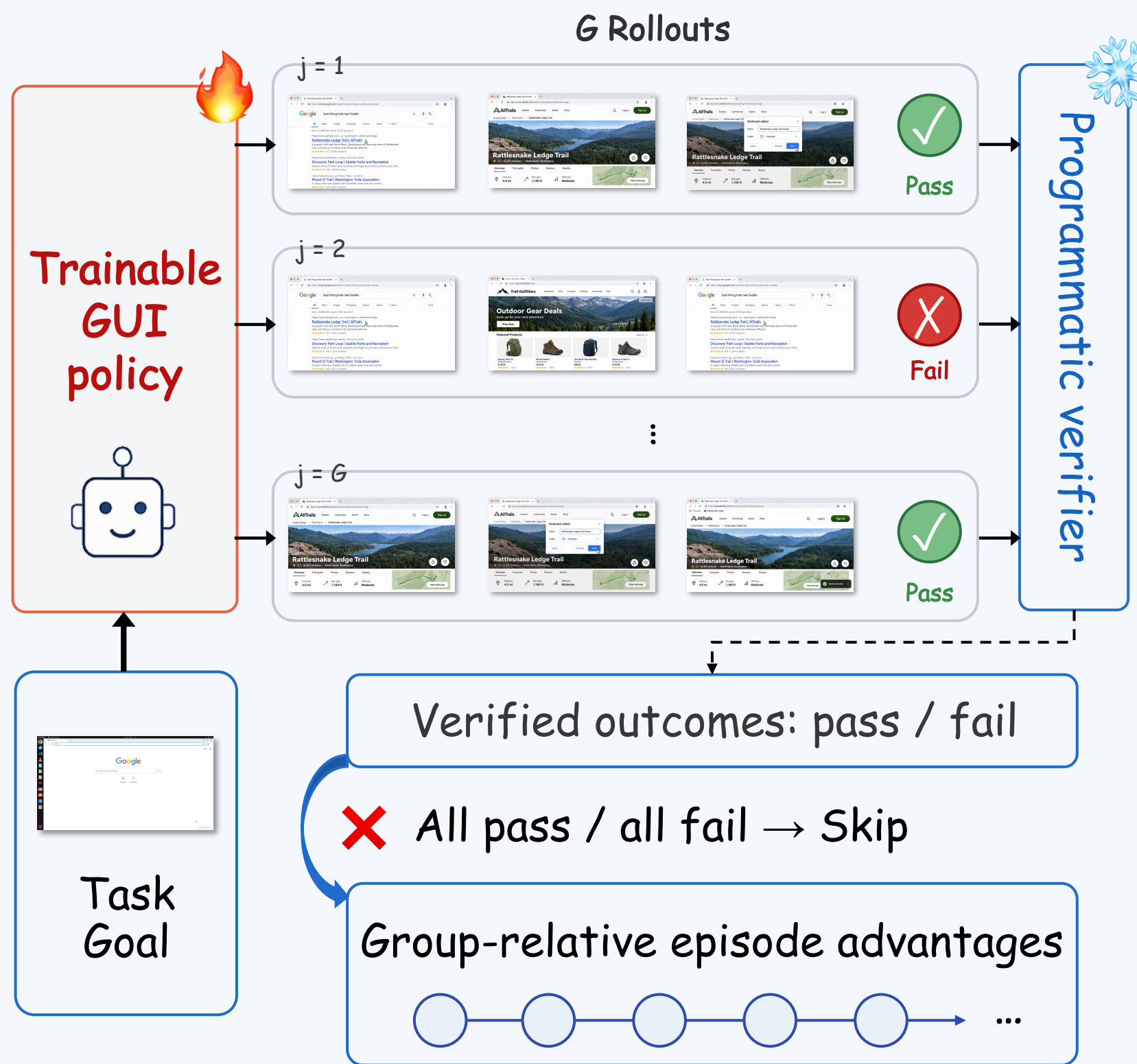
- Frontier**
Near 50% success
- Discriminability**
Varied scores
- Coverage**
Fewer prior visits

Priority Sampling

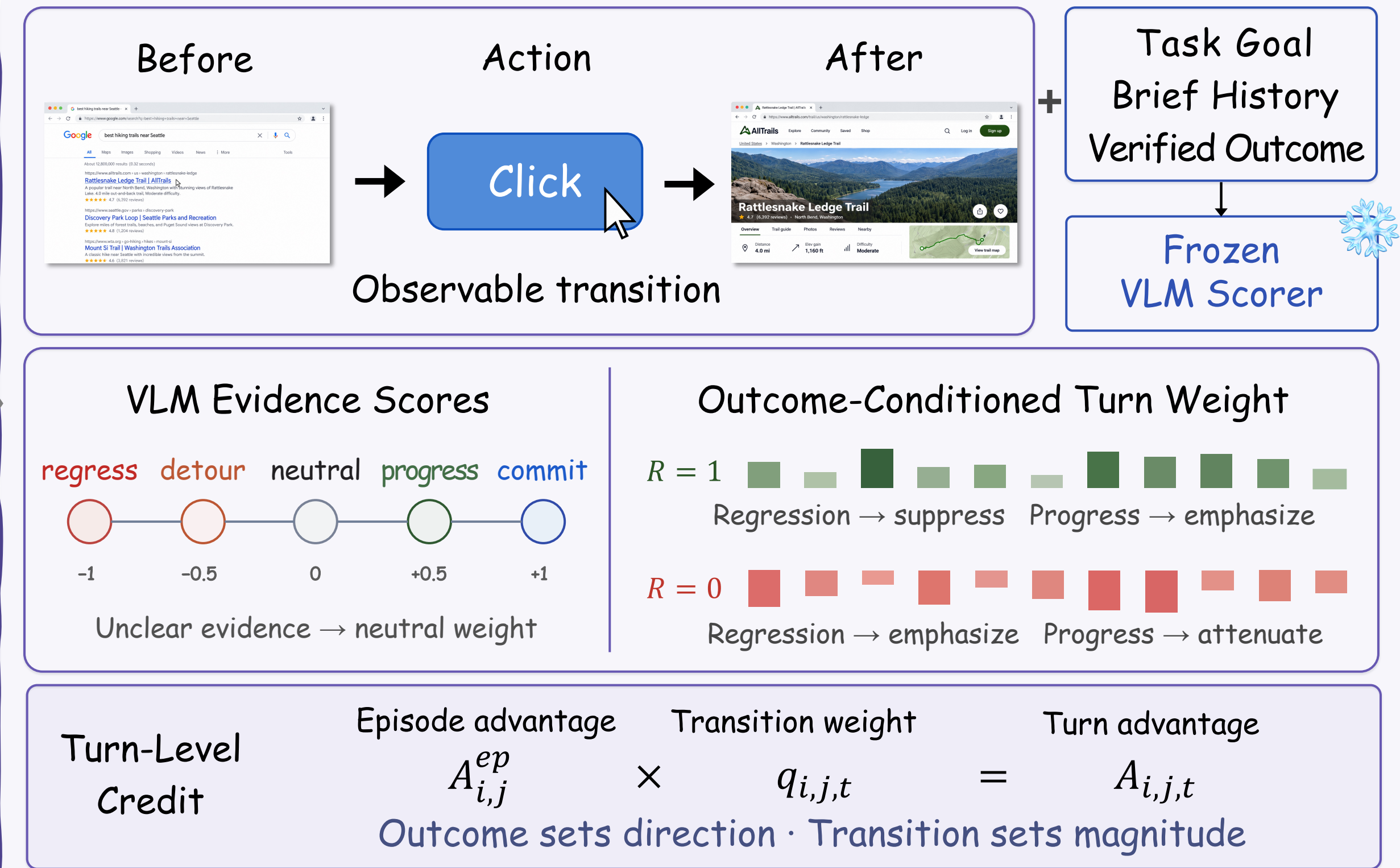
Sampled tasks



2 Group Rollout & Verification

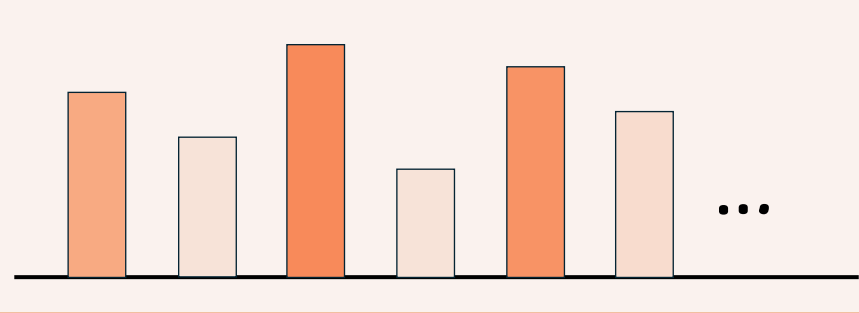


3 Observable-Transition Advantage Decomposition (OTAD)



4 Budgeted Turn Selection & Policy Update

Scored Candidate Turns



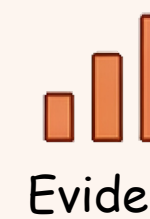
Budgeted Selection



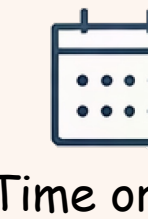
Last



Coverage



Evidence



Time order

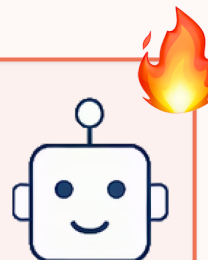
Segment input

Text History (summary)

Visual Context (3 turns)

Clipped GRPO

Update GUI policy



Trainable policy π_θ



Frozen VLM / Verifier

Update Task Priorities