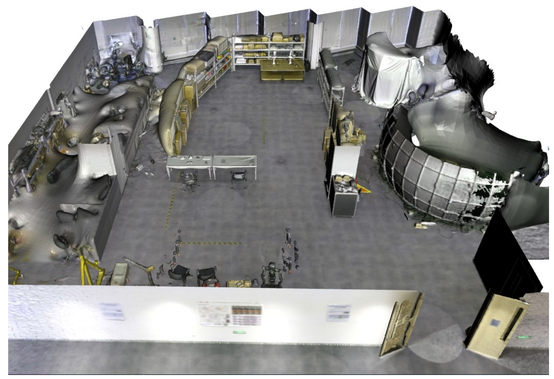
Unified Navigation Data Generation Pipeline

Simulation Scenes



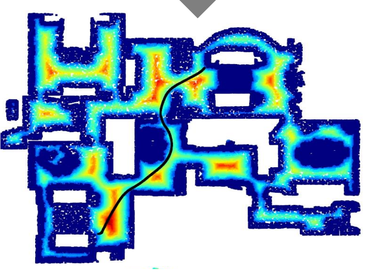
Real-to-Sim Scenes

Prohibited for taller robot

Accessible for shorter robot

Embodiment-Aware Planning

Photorealistic Rendering



Action Supervision

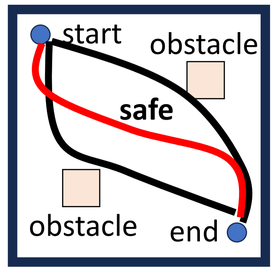
Critic Supervision

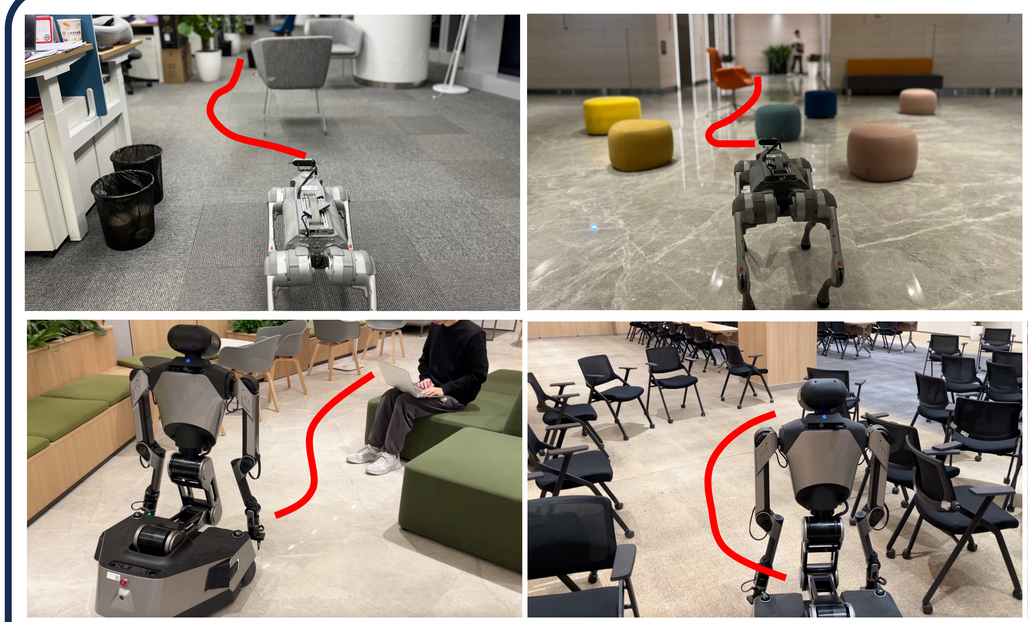
Navigation Diffusion Policy

(No Real-Robot Data)

Trajectory Generation

Trajectory Selection





Cross-Embodiment Navigation in Open-World