



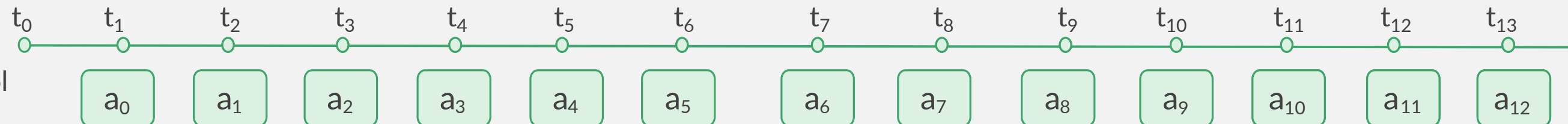
World Planner

long-horizon latent planning

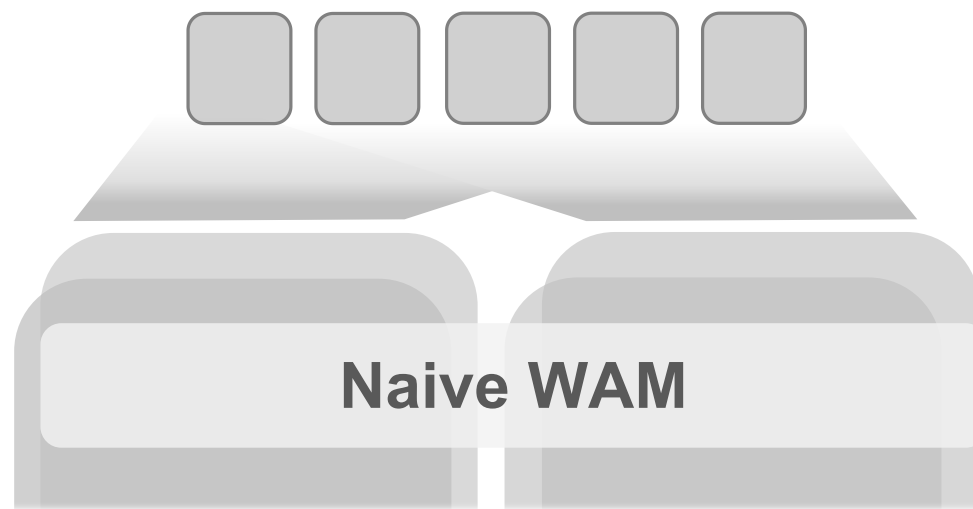
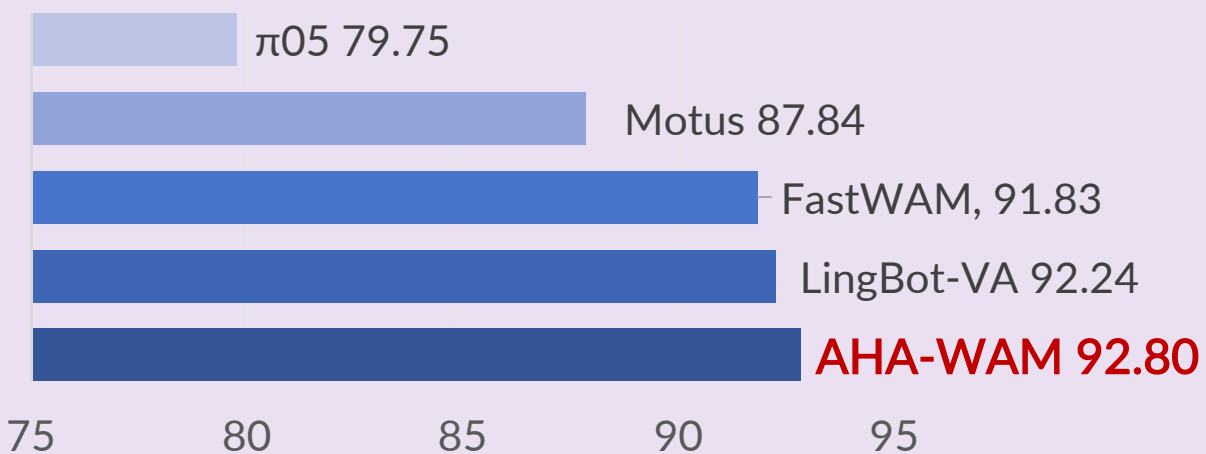


Action Expert

high-frequency closed-loop control



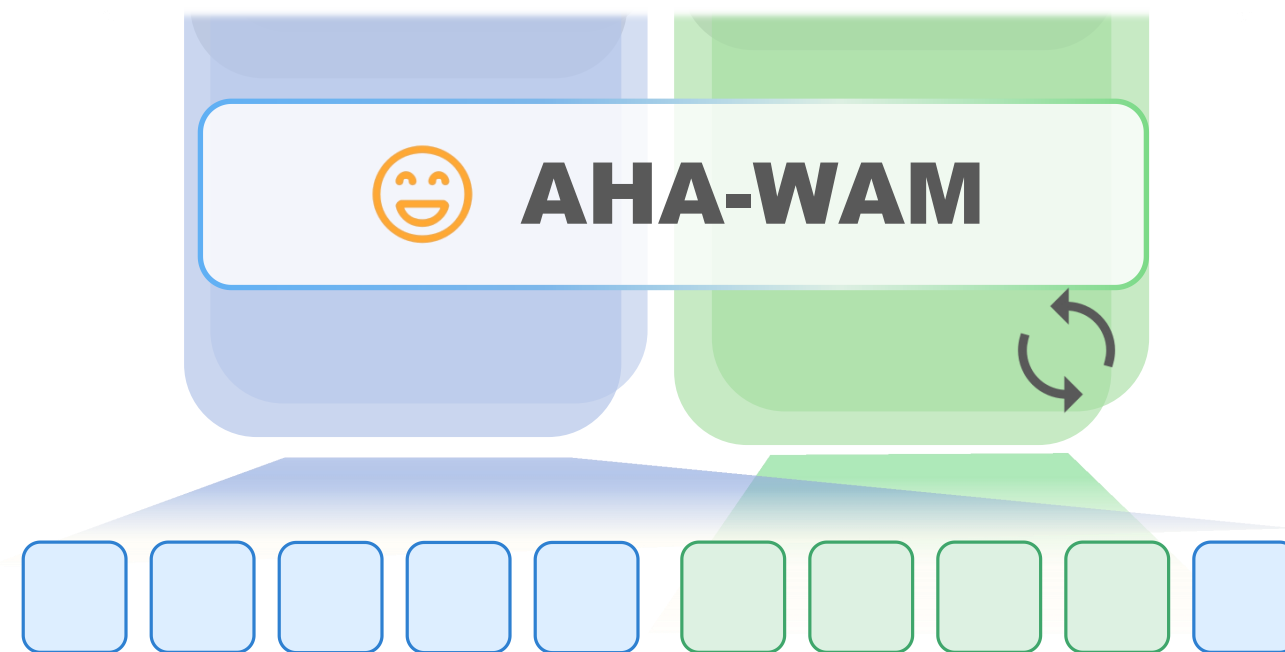
RoboTwin 2.0



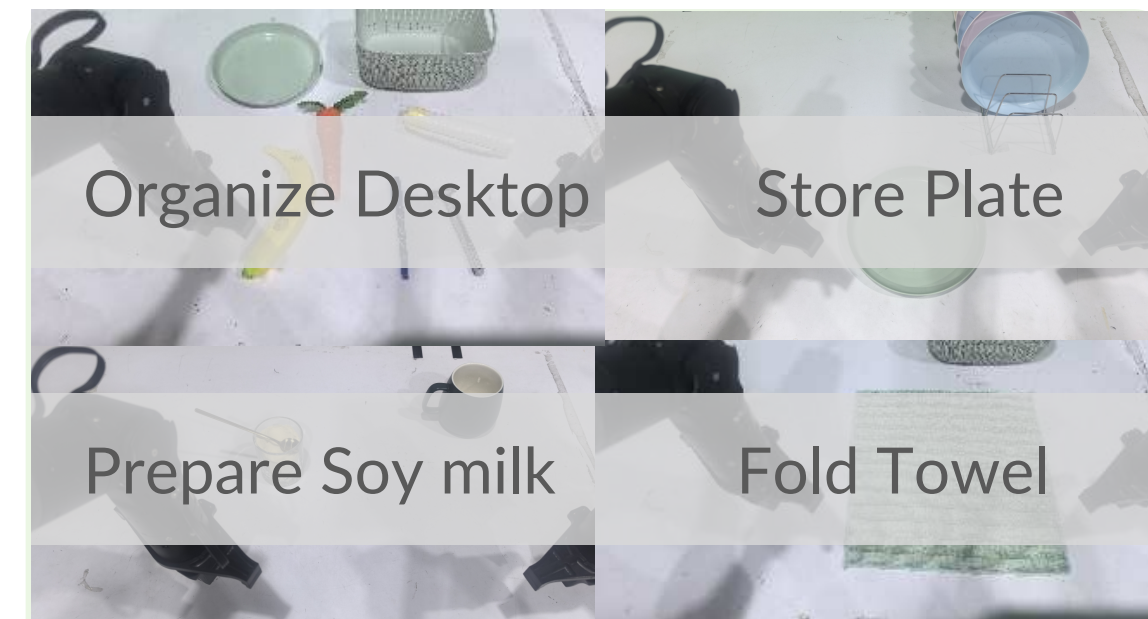
Naive WAM

☹ Synchronous ☹ Short-horizon

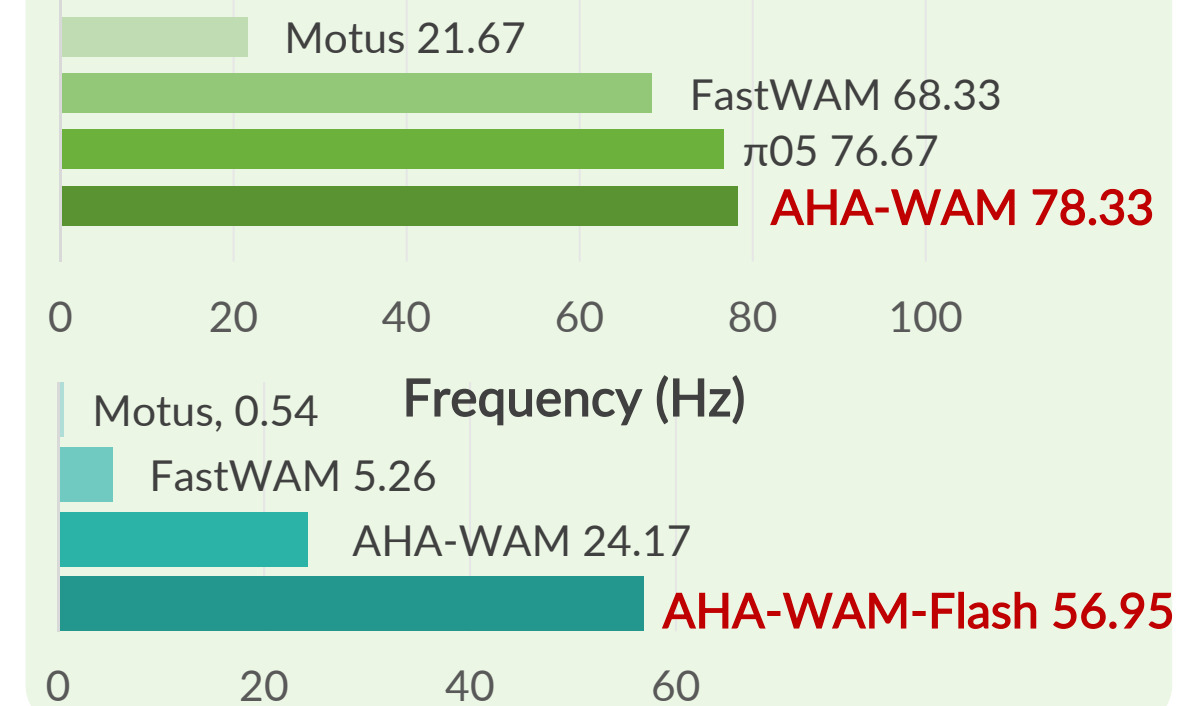
😊 Asynchronous 😊 Horizon-adaptive



AHA-WAM



Real-world



Low-Latency



Long-horizon World Planning



Rolling K/V Memory