

LiveSweLoop

September 4, 2026

LiveSweLoop

Kind: Class

Source: `atloria-monorepo/libs/agent-core/src/runtime/live-swe-loop.ts`

Implements: `IAgentLoop`

Methods

Method	Signature	Returns
<code>run</code>	<code>`run(config: AgentConfig, input: string</code>	<code>AgentInputItem[], options: RunOptions)`</code>
<code>runStreamed</code>	<code>`runStreamed(config: AgentConfig, input: string</code>	<code>AgentInputItem[], options: RunOptions)`</code>

Where it refuses work

- `LiveSweLoop` stops the work with `FormatError` when `!tool` .
- `LiveSweLoop` stops the work with an early return when `eventQueue.length > 0` .
- `LiveSweLoop` stops the work with an early return when `runComplete` .
- `LiveSweLoop` stops the work with an early return when `toolCallItems.length === 0` .
- `LiveSweLoop` stops the work with an early return when `m.role === 'tool'` .
- `LiveSweLoop` stops the work with an early return when `m.role === 'assistant'` .

When something fails

- `LiveSweLoop` handles failure in 4 places: it lets it reach the caller in 3, and logs it and continues in 1.