ReAct — AgentZero [PART 3]

- 0.
- 1.
- 2. — ReActActor
- 3. Phase 2, Phase 3 —
- 4. + — AI
- 5. —
- 6. —
- 7. —
- 8. ActorPlanning ,
- 9. — ReAct
- 10.
-
- 4 x

PART 2 ReAct , PART 3 UI, AI . : 2026-04-14. : PART 1, PART 2 .

0.

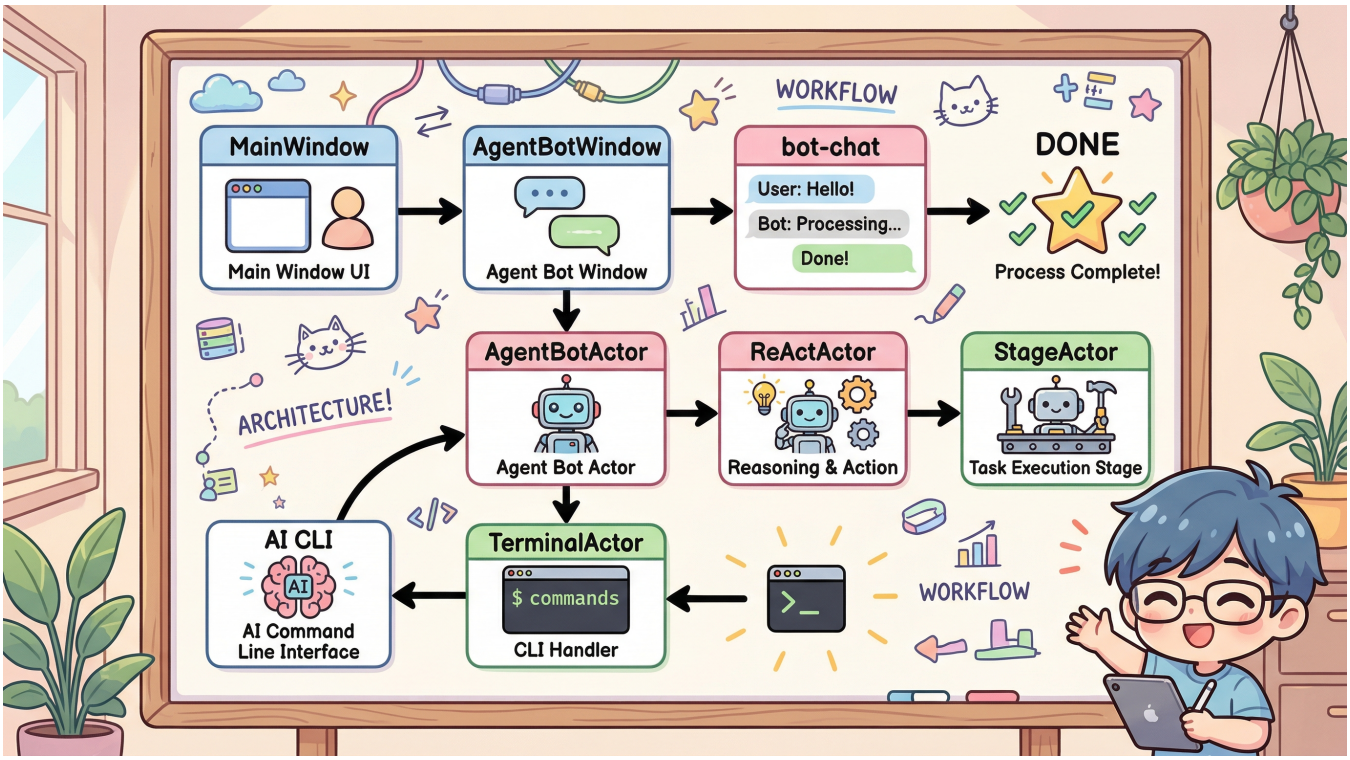
PART 2 . LLM . Thinking -> Acting -> Waiting -> Complete Akka Become() ReActActor .

3 . , AgentZero .

```
AgentBotWindow -> AgentBotActor -> ReActActor -> StageActor -> TerminalActor
                                                -> AI CLI -> bot-chat DONE -> MainWindow
                                                -> StageActor -> AgentBotActor -> ReActActor
```

> ⓘ
>
> - ReAct .
> - AI /agent-zero + DONE(...) .
> - , , UI .

1.

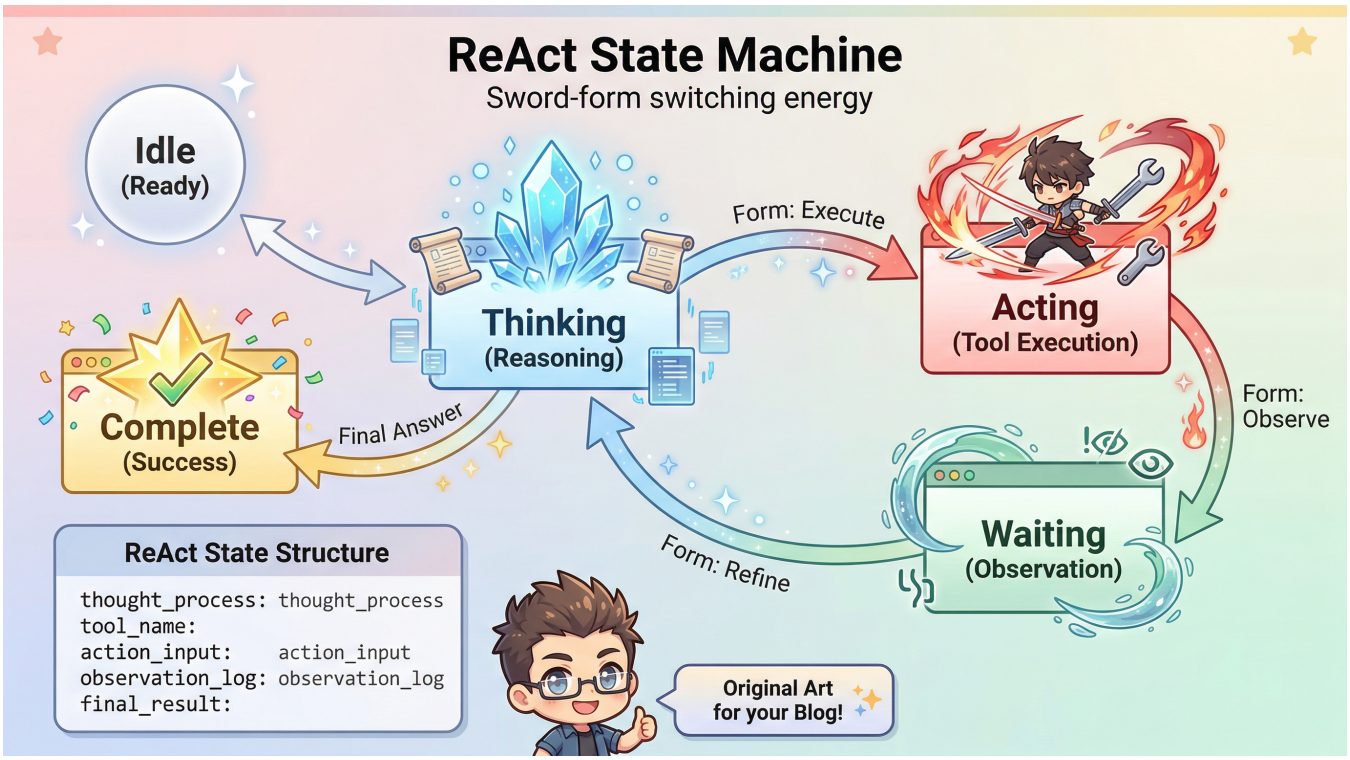


`Project/AgentZeroWpf` .

	`Actors/ReActActor.cs`	`Thinking` / `Acting` / `Waiting` / `Complete`
	`Actors/Messages.cs`	`StartReAct`, `ReActProgress`, `TerminalDoneSignal`
	`Actors/AgentBotActor.cs`, `Actors/StageActor.cs`	UI ReActActor,
UI	`UI/APP/AgentBotWindow.xaml.cs`	`RunReActAsync`, ESC ,
	`UI/APP/MainWindow.xaml.cs`, `bot-chat.ps1`	AI `DONE(...)`

PART 1 , “Akka AI-Agent CLI ?” .

2. — ReActActor



`RunFunctionCallLoopAsync` `ReActActor` .

```
Idle
  -> StartReAct
  -> Thinking
  -> Acting
  -> Waiting
  -> Thinking ...
  -> Complete
  -> Idle
```

.

- `StartReAct`
- `ReActProgress`
- `CompletionSignal`
- `SkipWaiting`
- `CancelReAct`
- `TerminalDoneSignal`
- `ReActResult`

. `return` , . `Waiting` `Thinking` . PART 2 “LLM ” .

supporting .

- `AiMode-DiagnosticLogging.md` - `[AI-REQ]`, `[AI-FnCall]`, `[AI-TOOL]`, `[AI-RESP]`
- `OnDevice-SessionMemory.md` - `System`

ReAct , .

3. Phase 2, Phase 3 —

.

3.1 `ReAct-Phase2-Complete.md`

.

- `Actors/ReActActor.cs`
- `Actors/Messages.cs`

- `Actors/AgentBotActor.cs` ReActActor
- `Project/AgentTest/Actors/ReActActorTests.cs`

“”, .

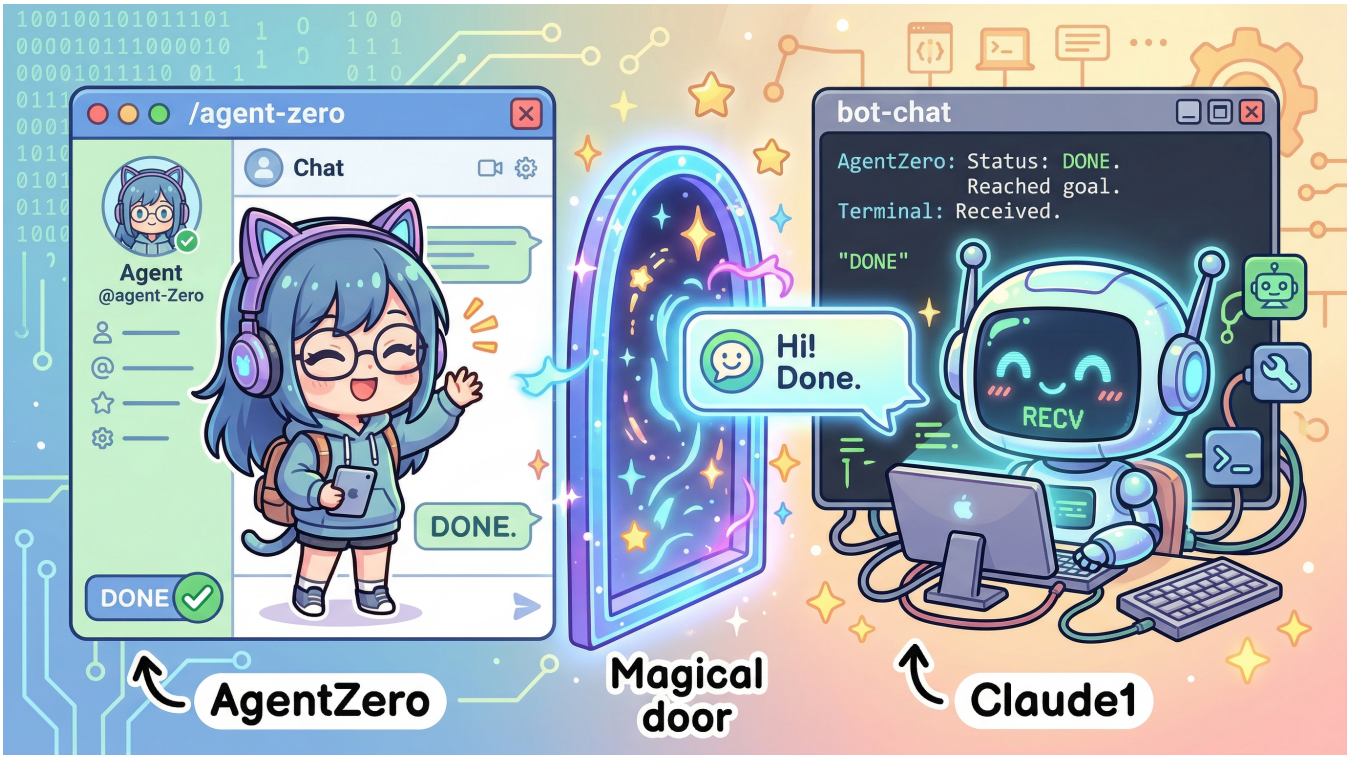
3.2 `ReAct-Phase3-Complete.md`

UI .

- `AgentBotWindow.xaml` ReAct
- `AgentBotWindow.xaml.cs` `RunReActAsync()`
- `StreamAiResponseAsync()` `FnCall` ReAct
- `SetReActCallbacks` `ReActProgress` `ReActResult` UI

ReAct , .

4. + — AI



PART 3 . ReActActor , Claude Code AI .

4.1

`ReAct-YourName-Identity-Protocol.md` .

- AgentZero “ AgentZero” ,
- `Claude1` `Claude2` ,
- `DONE(Claude, ...)` .

.

```
/agent-zero ,  AgentZero.
    'Claude1'.
  :
bot-chat.ps1 "DONE(Claude1, )"
```

`DONE` .

4.2 `/agent-zero`

`ReAct-SkillActivation-Prompt.md` . AI `bot-chat.ps1` . `/agent-zero` .

```
/agent-zero
```

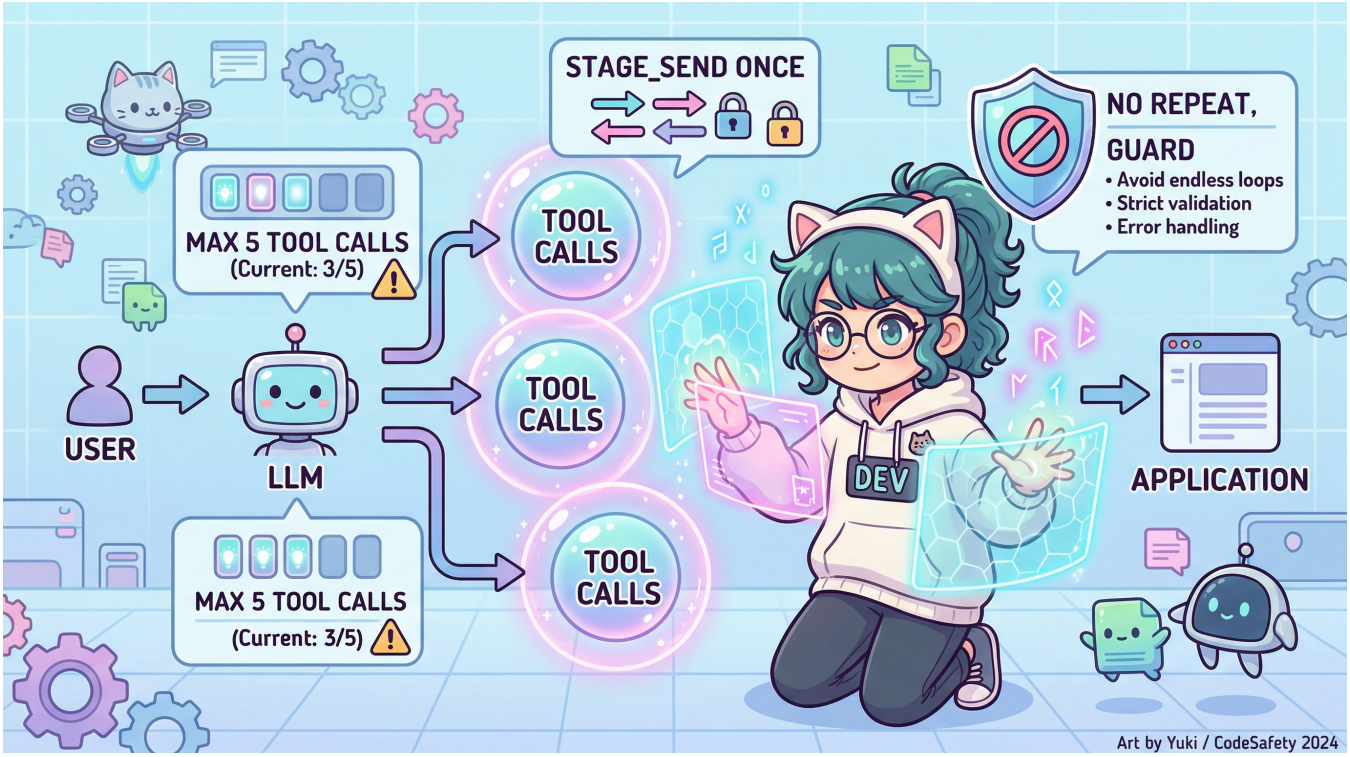
AI `.claude/skills/agent-zero/SKILL.md`, `bot-chat.ps1` , `DONE(...)` . `SKILL.md` IDL, `/agent-zero` .

4.3 DONE

```
Terminal AI
  -> bot-chat.ps1 "DONE(Claude1,  3)"
  -> CliHandler
  -> MainWindow.HandleBotChat()
  -> TerminalDoneSignal
  -> StageActor
  -> AgentBotActor
  -> ReActActor
```

PART 1 , .

5. —



. .

`ReAct-ToolCall-Constraint-Prompting.md` .

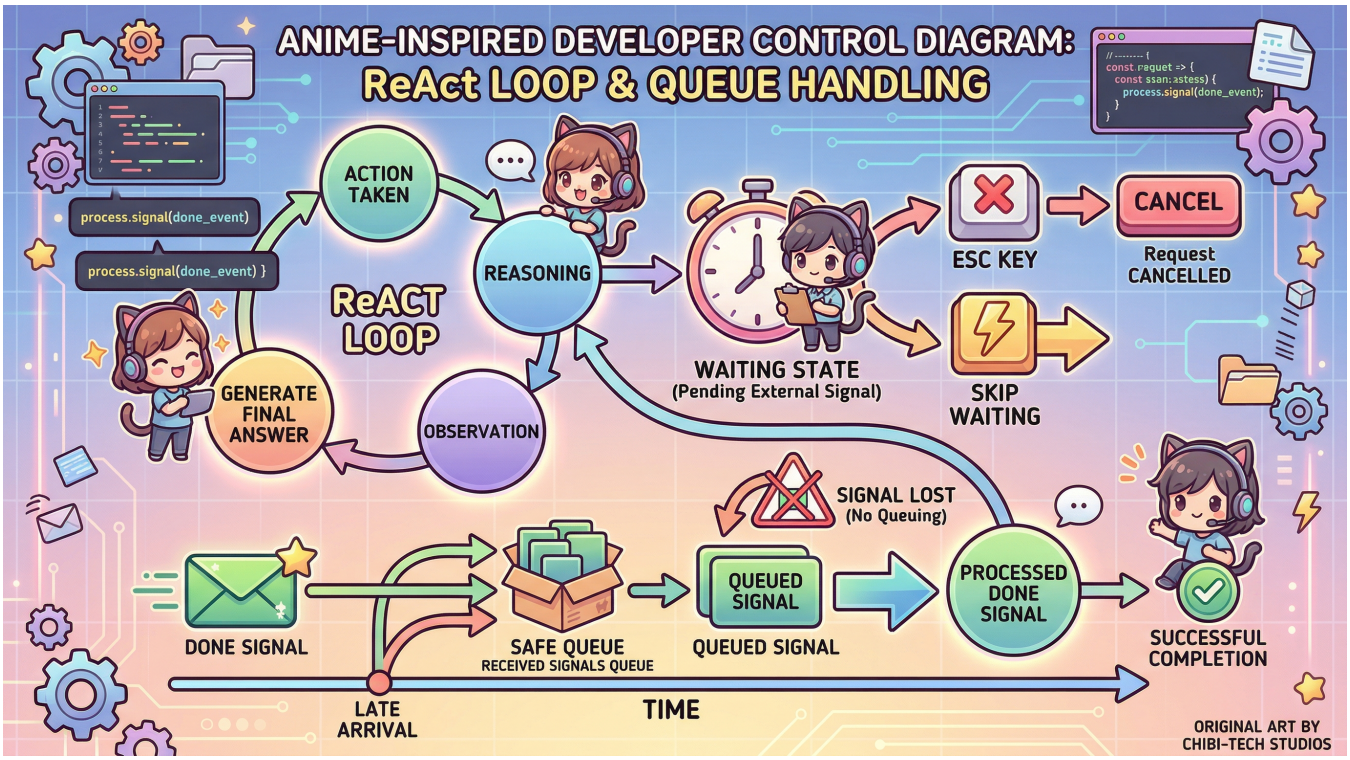
- `term_read(tab_index=0..78)`
- `term_read`
- `meeting_create`

3 .

1. - " 5 tool call", "stage_send 1", "term_read 1"
2. - `response.ToolCalls.Take(5)`
3. - (+) 3

, . , .

6. —



ReAct-SequenceControl-ESC.md . , .

.

- Waiting 5 DONE
- Thinking

.

6.1 _pendingDone

Thinking Acting TerminalDoneSignal _pendingDone. Waiting Thinking. DONE .

6.2 ESC

.

- ESC 1: SkipWaiting
- ESC 2: CancelReAct

ReAct " " , .

7. —

. .

`ReAct-UI-CardSystem.md` .

- : `Thinking`
- : tool call
- : tool result
- : `Waiting`
- : `Complete`

ReAct , . “ , , ” .

`RunReActAsync()` `HandleReActProgress()` . `ReActProgress` UI , ReAct .

8. ActorPlanning ,

`ReAct-ActorPlanning.md` , . PART 2 , .

.

- PART 2 “ ReActActor ” .
- PART 3 ReAct “ ” .
- `ReAct-ActorPlanning.md` .

, **-> -> -> UI** .

9. — ReAct

```
User
  -> AgentBotWindow.RunReActAsync
  -> AgentBotActor.StartReAct
  -> ReActActor.Thinking
  -> stage_status / stage_send("/agent-zero ...")
  -> Waiting
  -> Claude1 bot-chat.ps1 "DONE(Claude1,  3)"
  -> MainWindow.HandleBotChat
  -> TerminalDoneSignal
  -> ReActActor.Thinking
  ->    +  UI
```

> . LLM , , , , , DONE , UI .

10.

PART 1 , PART 2 ReAct . PART 3 .

.

- `ReActActor`
- `/agent-zero DONE(...)` AI
- , , ESC, UI

AgentZero ReAct "LLM " , **LLM** . Akka , .

- `Tech/DOC/Actor/improvement/ReAct-Phase2-Complete.md`
- `Tech/DOC/Actor/improvement/ReAct-Phase3-Complete.md`
- `Tech/DOC/Actor/improvement/ReAct-YourName-Identity-Protocol.md`
- `Tech/DOC/Actor/improvement/ReAct-ToolCall-Constraint-Prompting.md`
- `Tech/DOC/Actor/improvement/ReAct-SequenceControl-ESC.md`
- `Tech/DOC/Actor/improvement/ReAct-ActorPlanning.md`
- `Tech/DOC/Actor/improvement/ReAct-DONE-Handshake-Protocol.md`
- `Tech/DOC/Actor/improvement/ReAct-SkillActivation-Prompt.md`
- `Tech/DOC/Actor/improvement/ReAct-UI-CardSystem.md`
- `Tech/DOC/Actor/improvement/AiMode-DiagnosticLogging.md`
- `Tech/DOC/Actor/improvement/OnDevice-SessionMemory.md`

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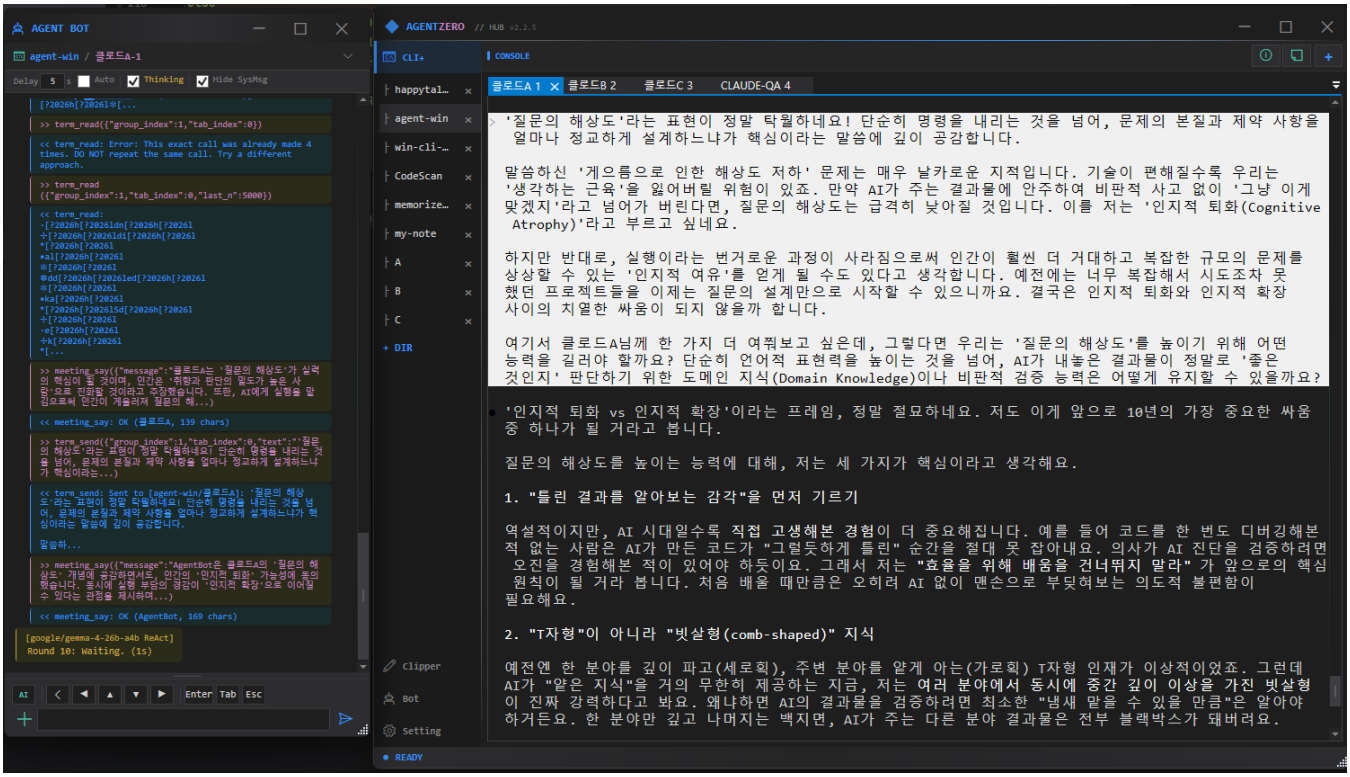

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