

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 .

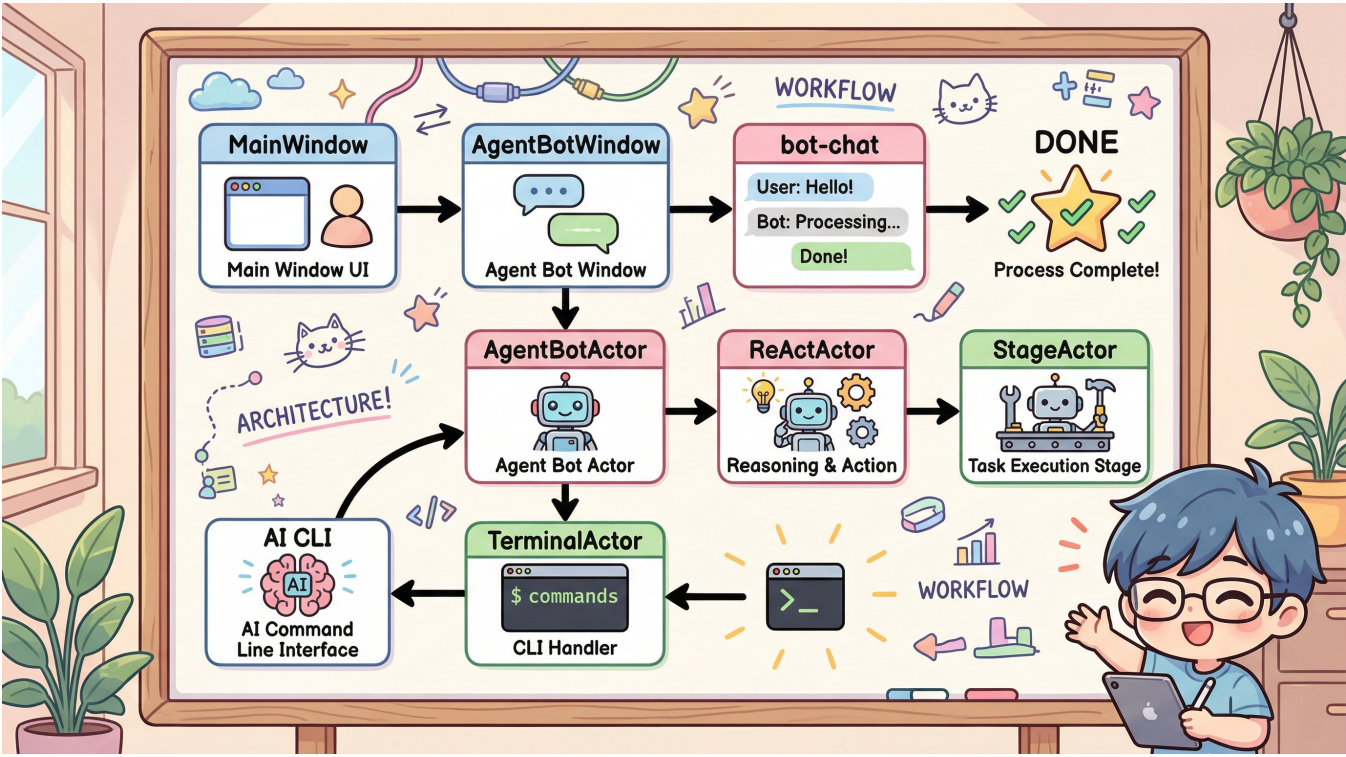
3 . , AgentZero .

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



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

1.

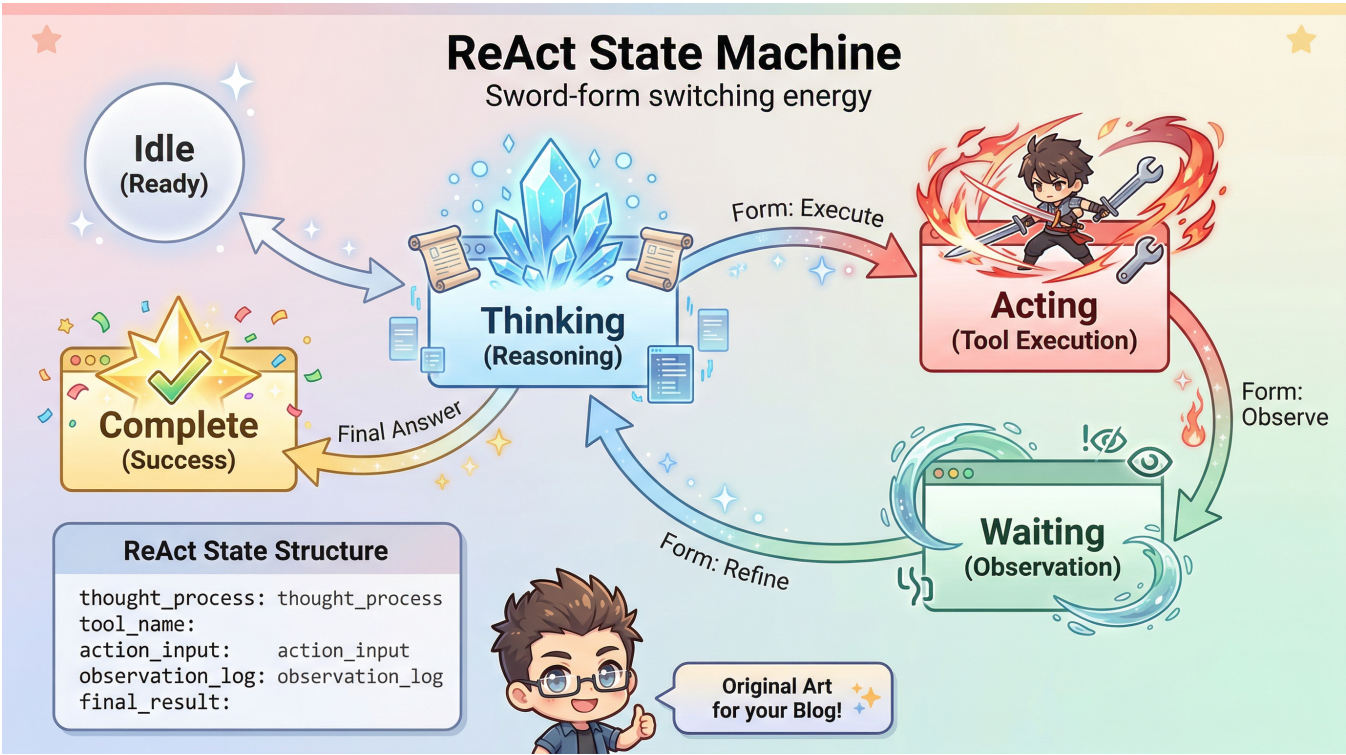


Project/AgentZeroWpf .

	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

4.1.1

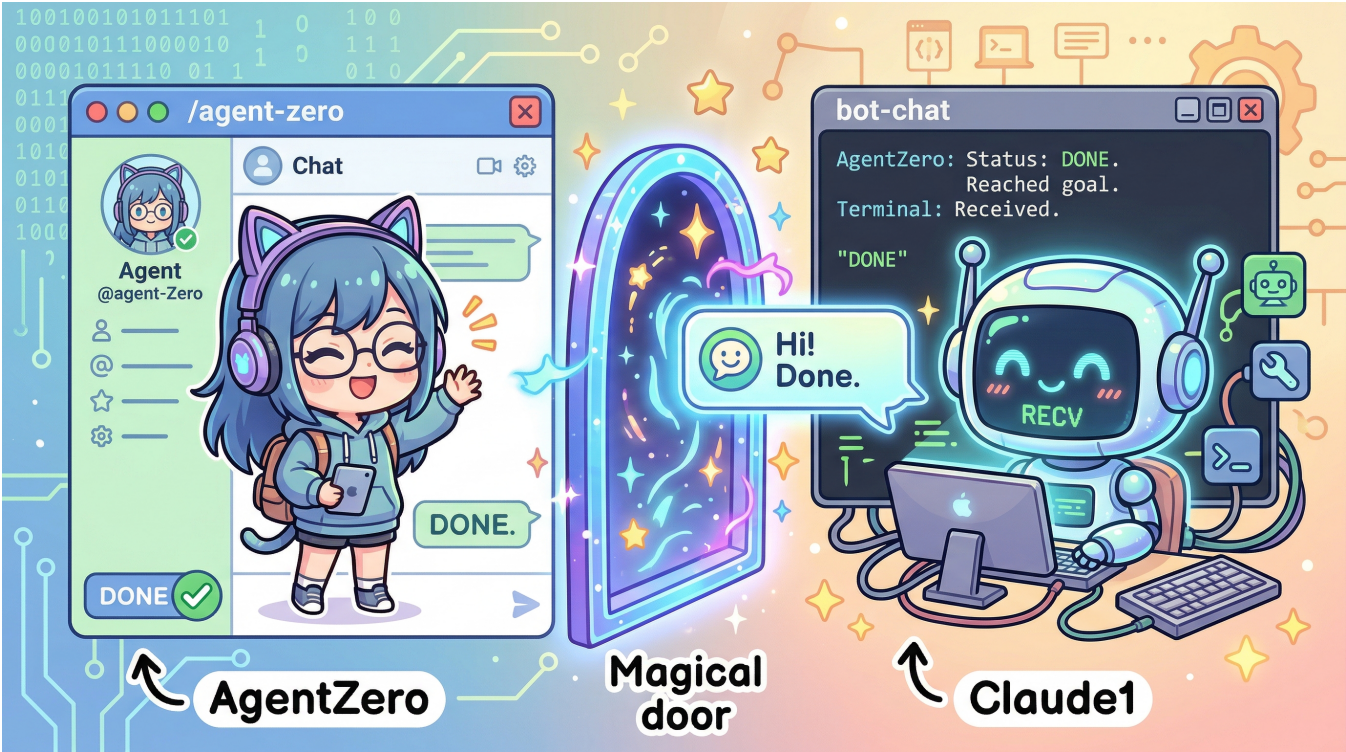
3.2 ReAct -Phase3-Complete.md

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

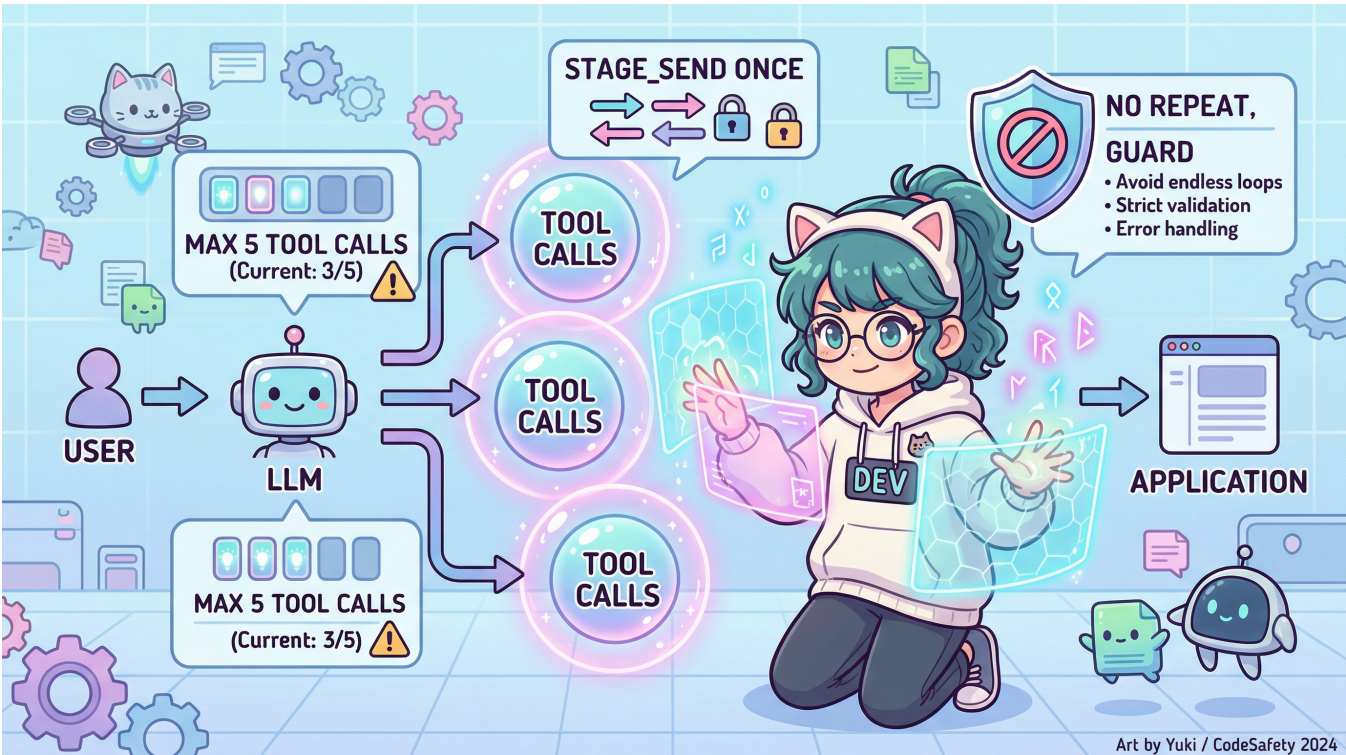
AI .claude/skills/agent-zero/SKILL.md , bot-chat.ps1 , DONE(...) . SKILL.md IDL, /agent-zero .

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 .

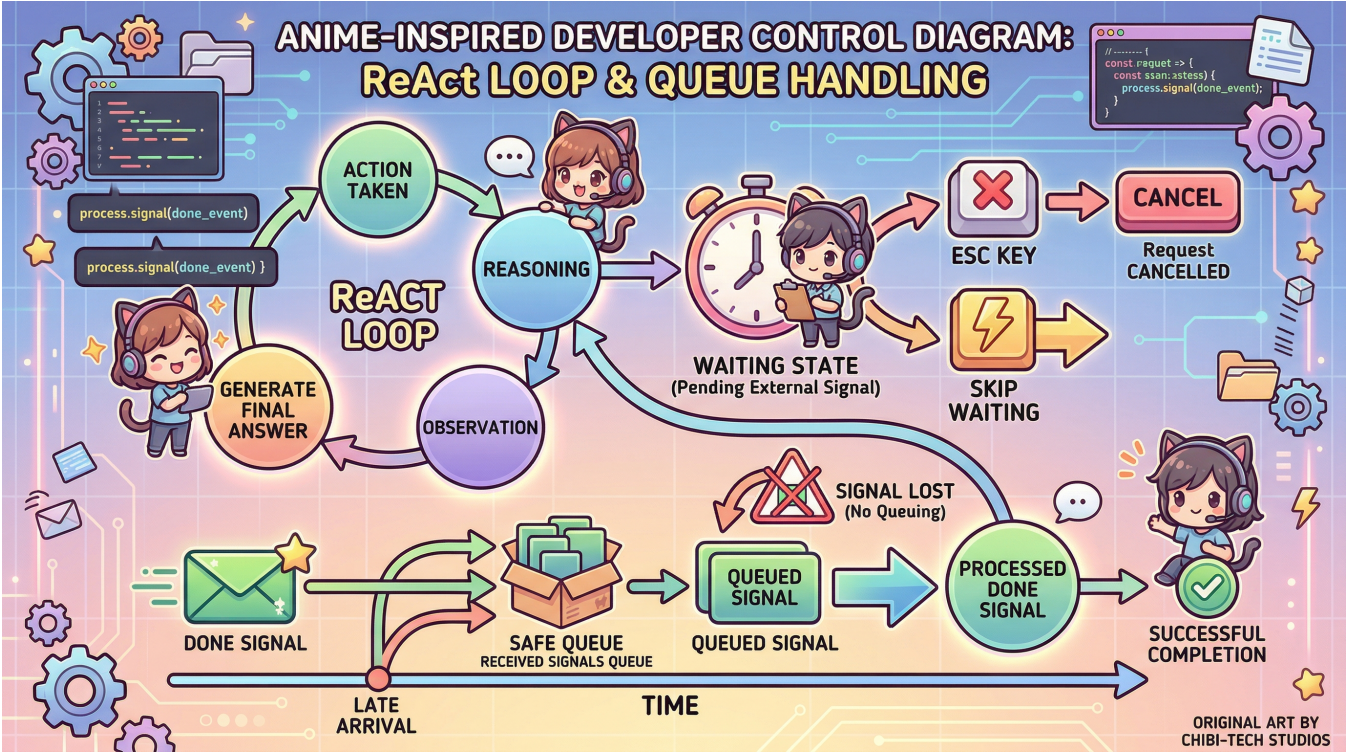
- term_read(tab_index=0..78)
- term_read
- meeting_create

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
```

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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