

# 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 .

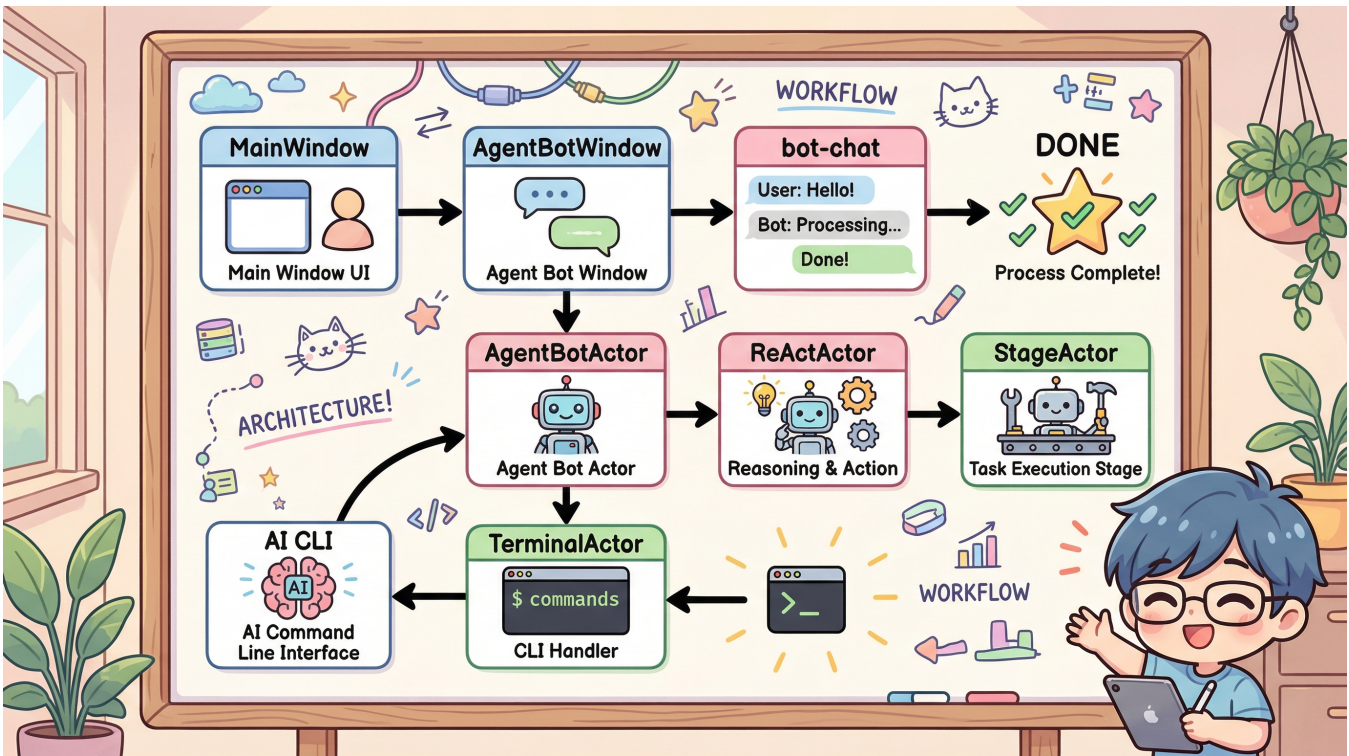
3 . , AgentZero .

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



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

1.

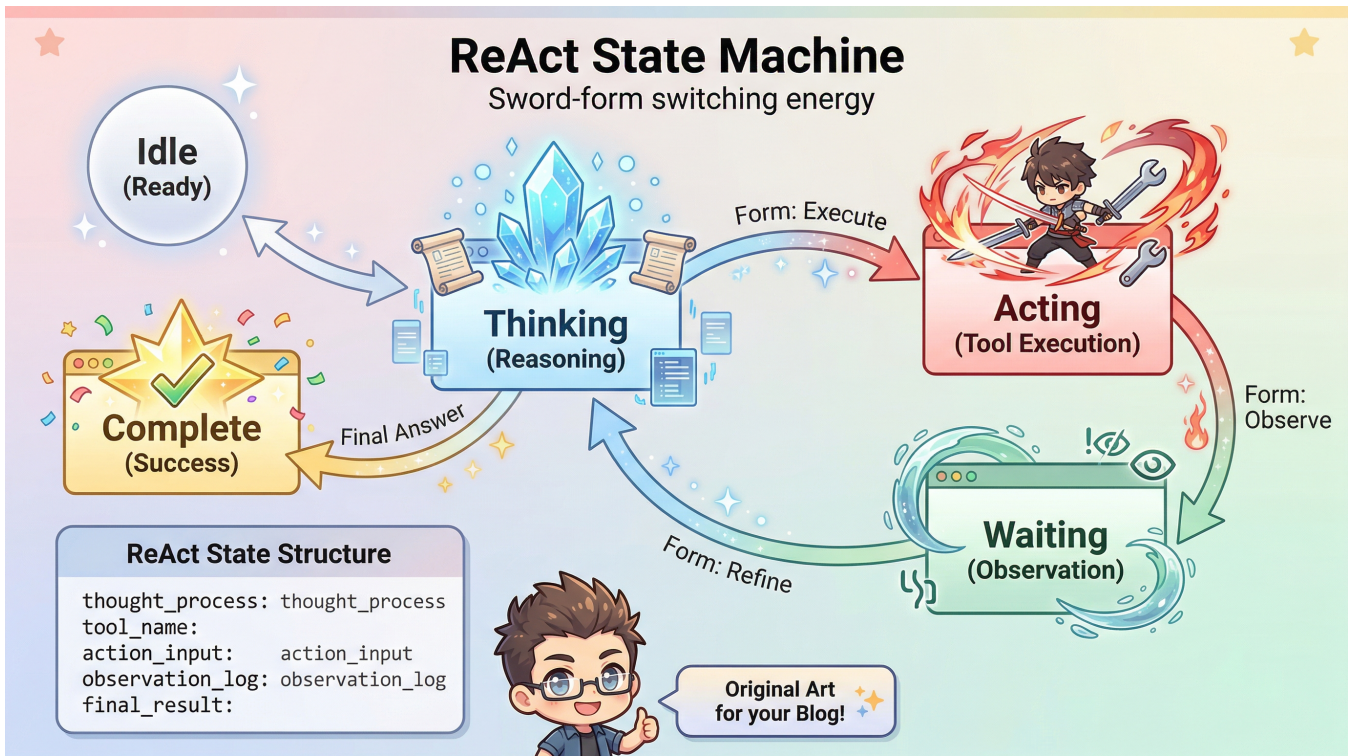


Project/AgentZeroWpf .

	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

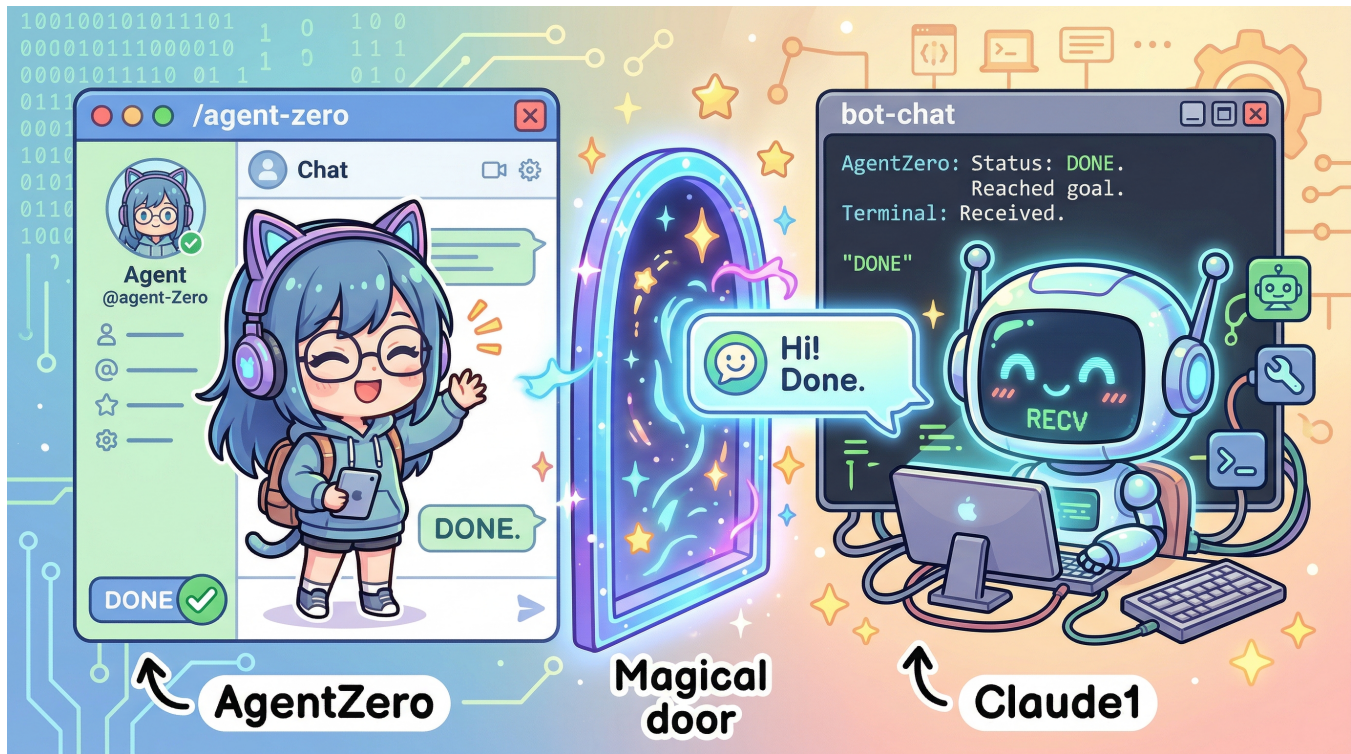
### 3.2 ReAct-Phase3-Complete.md

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",
- Claudel Claude2,
- DONE(Claude, ...)

```

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

```

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 .
```

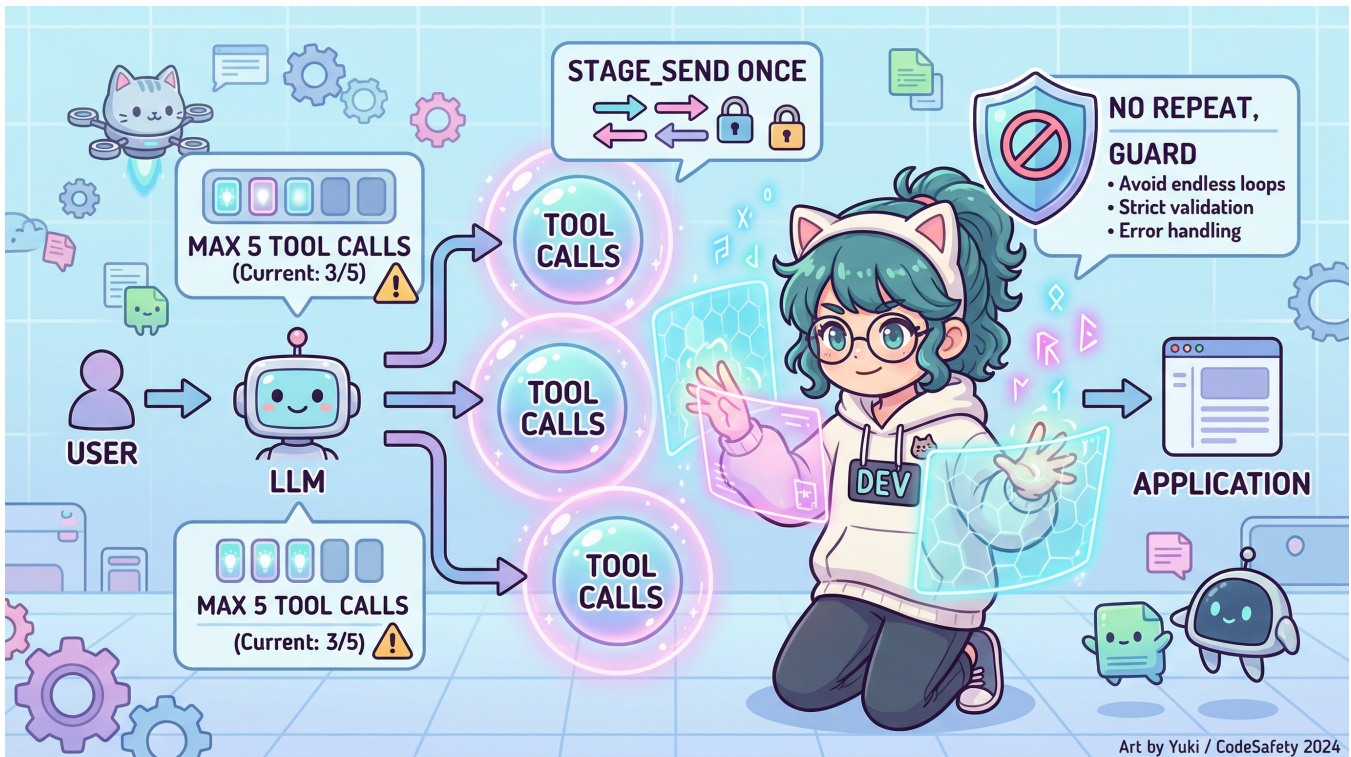
### 4.3 DONE

Terminal AI

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

PART 1 , .

### 5. —



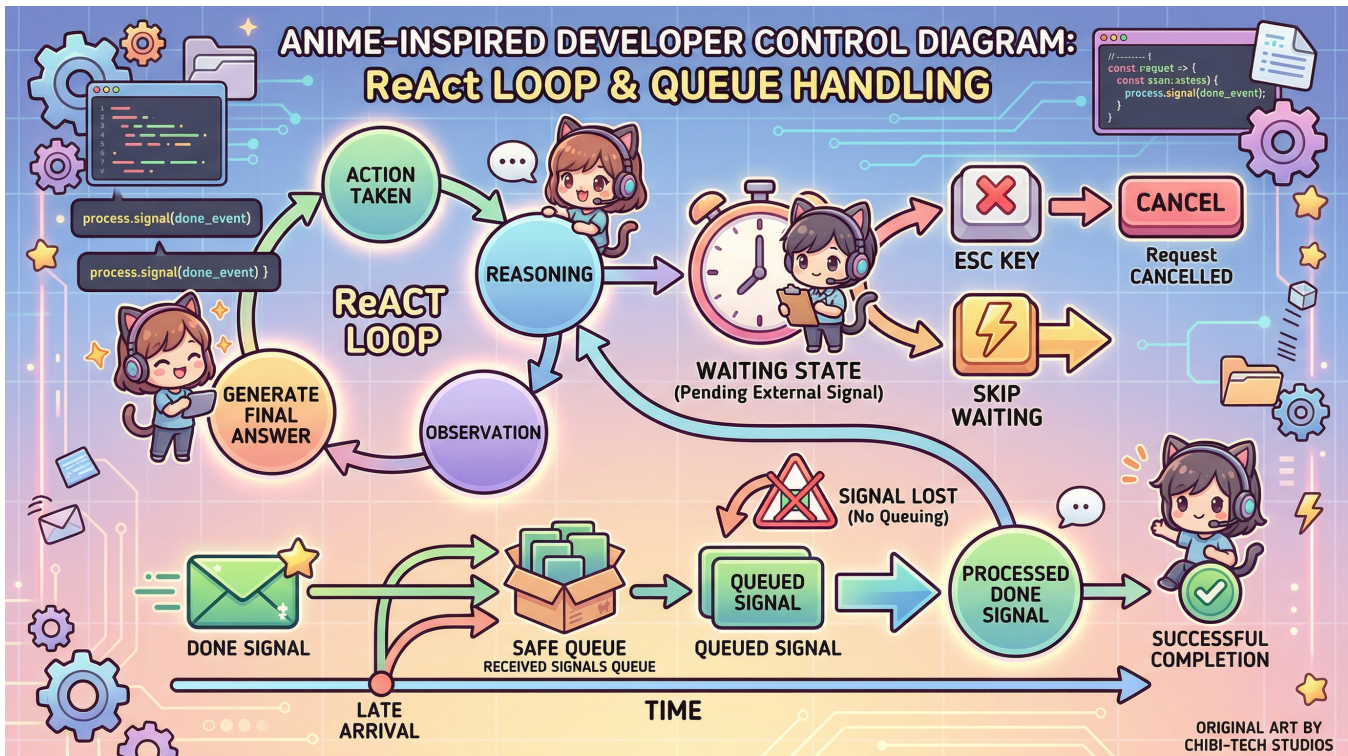
ReAct-ToolCall-Constraint-Prompting.md .

- 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.

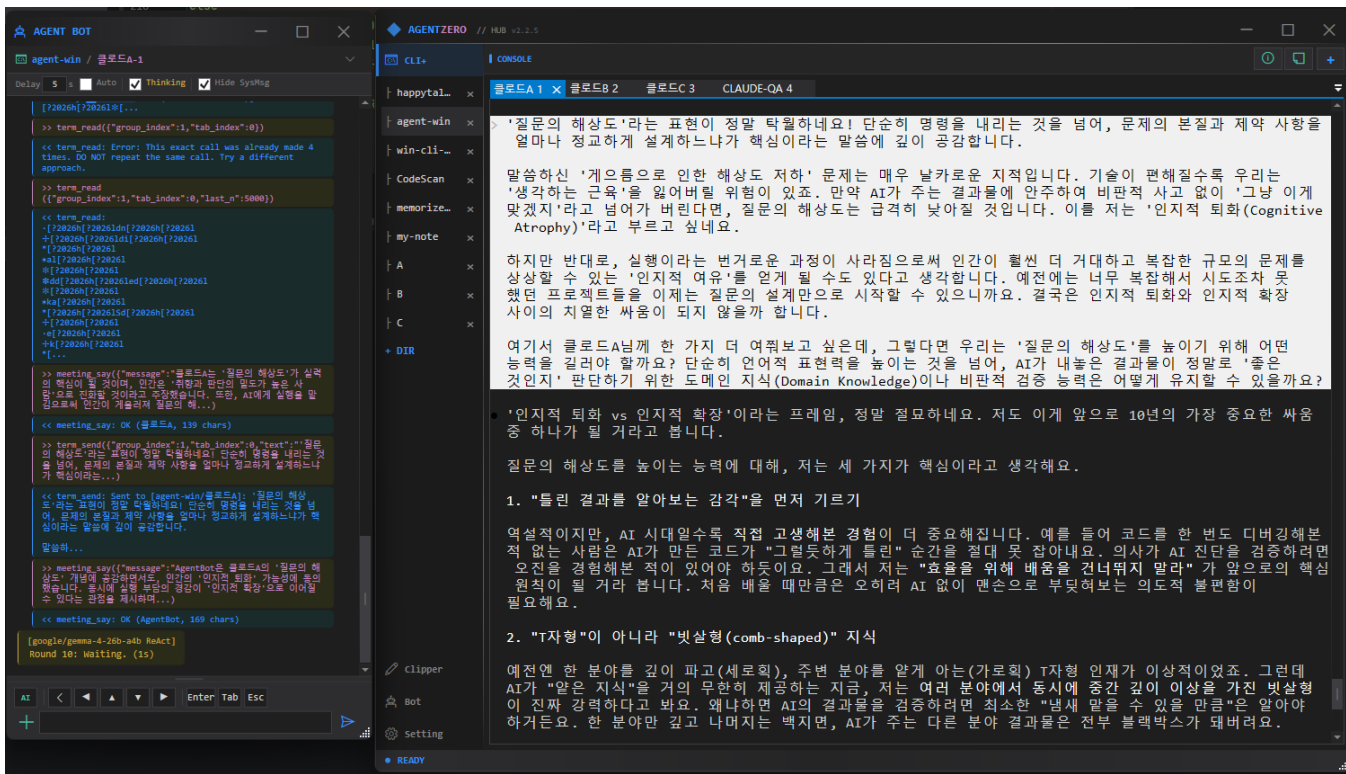
PART 1 , PART 2 ReAct . PART 3 .

- 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
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- Tech/DOC/Actor/improvement/OnDevice-SessionMemory.md

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