

Vishnu Thampuran Phase 1 Report

VSP25SCM37T / SCMS87SP25

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Bug: Inconsistent or broken code generation with function/tool calling in ChatGPT API #1

Edit New issue

Closed

VSP25SCM37T opened 5 minutes ago

```
{
  "Title": "Bug: Inconsistent or broken code generation with function/tool calling in ChatGPT API",
  "Body": "I'm encountering a bug with the code generation behavior in the ChatGPT API integration examples within the OpenAI-cookbook. Specifically, when using the function calling or tools API, the model inconsistently formats or completes code blocks, sometimes returning incomplete or syntactically incorrect code snippets.\n\nSteps to Reproduce:\n1. Clone the repo and open the example chat_with_functions.ipynb or similar API integration examples.\n2. Modify the function schema to include a custom function (e.g. generate_code with language and prompt arguments).\n3. Run the chat loop with a prompt like: 'Generate a Python function that reads a CSV and returns the average of a column.'\n4. Observe the model response: the generated code is often cut off, missing closing braces, or uses incorrect indentation.\n\nExpected Behavior\nThe ChatGPT API should return complete and valid code blocks consistently when the function schema is well-defined and the prompt is clear.\n\nActual Behavior\nThe model sometimes cuts off mid-code.\n- Indentation may be inconsistent.\n- Closing syntax (}, ) etc.) is often missing, even for simple prompts.\n\nEnvironment\n- Repo version: latest main as of [insert date]\n- Python version: 3.10\n- openai package version: 1.x\n- Model used: gpt-4, turbo, or gpt-3.5-turbo\n\nAdditional Context\nThis issue seems to occur more frequently when\n- Using structured function calls with tools=[...]\n- Prompting for multi-line code or file-like outputs\n- Streaming is disabled\n\nLet me know if you'd like a reproducible notebook or trace logs. Happy to help debug!"
```

Create sub-issue

VSP25SCM37T added bug 5 minutes ago

VSP25SCM37T closed this as completed in 7134674 3 minutes ago

Assignees

No one - Assign yourself

Labels

bug

Projects

No projects

Milestone

No milestone

Relationships

None yet

Development

Create a branch for this issue or link a pull request.

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Participants

VSP25SCM37T / SCMS87SP25

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Commits

main All users All time

Commits on Mar 30, 2025

git commit -m "Fixes #1, VSP25SCM37T Adding last name" VSP25SCM37T authored 3 minutes ago

Commits on Mar 27, 2025

Merge pull request SPM587SP25#488 from JSP25SCM19D/main SPM587SP25 authored 3 days ago

Merge pull request SPM587SP25#490 from GurukiranShivashankar/main SPM587SP25 authored 3 days ago

Fixes SPM587SP25#447, GSP25SCM80SAddingLastName GurukiranShivashankar committed 3 days ago

Fixes SPM587SP25#487, JSP25SCM19D JSP25SCM19D authored 3 days ago

Fixes SPM587SP25#487, JSP25SCM19D Adding last name JSP25SCM19D authored 3 days ago

Fixes SPM587SP25#487, JSP25SCM19D Adding first name JSP25SCM19D authored 3 days ago

Merge pull request SPM587SP25#479 from USP25SCM29A/main SPM587SP25 authored 3 days ago

Merge pull request SPM587SP25#478 from SSP25SCM01K/main SPM587SP25 authored 3 days ago

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Commit 7134674

Browse files

VSP25SCM37T authored 4 minutes ago

Verified

git commit -m "Fixes #1. VSP25SCM37T Adding last name"

1 parent 2b3b72a commit 7134674

Filter files

v.java

1 file changed +2 -1 lines changed

Search within code

v.java

+2 -1

@@ -9,4 +9,5 @@

9 9 ASP25SCM1BV

10 10 VSP25SCM1P

11 11 VSP25SCM1-C

12 - ASP25SCM1V

12 + ASP25SCM1V

13 + VSP25SCM37T

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