



LLM ↔ GitHub via
MCP

These are six essential operations available on GitHub.



**REPOSITORY
MANAGEMENT**



**ISSUE
TRACKING**



**PULL
REQUESTS**



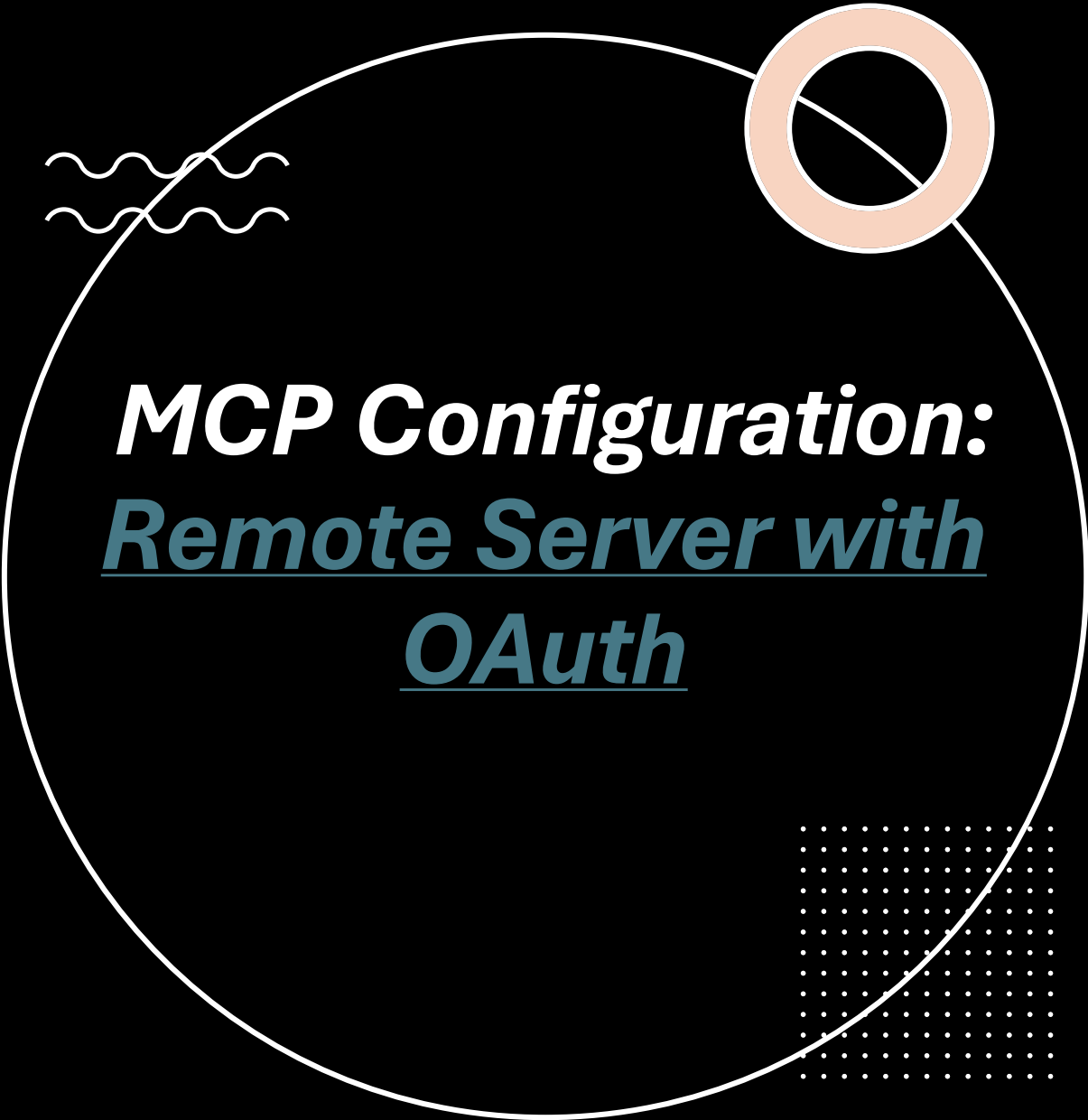
**BRANCH
MANAGEMENT**



ANALYTICS




**SECURITY
MANAGEMENT**



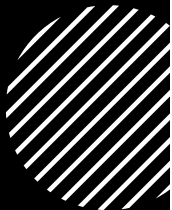

MCP Configuration: ***Remote Server with*** ***OAuth***

Steps Performed:

1. Open Command Palette (Ctrl+Shift+P).
2. Run: MCP: Add Server.
3. Select: HTTP (HTTP or Server-Sent Events).
4. Enter **Server URL**:
<https://api.githubcopilot.com/mcp/>.
5. Accept default Server ID or enter a custom one.
6. Choose where to save configuration.
7. Authorize via **OAuth** → Click *Allow* and select personal account.



Using the GitHub MCP server in Visual Studio Code



Steps Performed:



Open Copilot Chat by clicking the icon in the title bar of Visual Studio Code.



In the Copilot Chat box, select **Agent** from the popup menu.



To see the available actions, in the Copilot Chat box, click the **Select tools** icon.

In the **Tools** dropdown, under **MCP Server: GitHub**, you will see a list of available actions.



In the Copilot Chat box, type a command or question related to the action you want to perform, and press **Enter**.

For example, you can ask the GitHub MCP server to create a new issue, list pull requests, or retrieve repository information.



The GitHub MCP server will process your request and provide a response in the chat interface.



In the Copilot Chat box, you may be asked to give additional permissions or provide more information to complete the action.



Follow the prompts to complete the action.

1. Creating Repository

Create a repository named model-context-protocol for MCP, including a detailed README that explains what MCP is. Use this link. `#fetch` <https://modelcontextprotocol.io/overview>

 fetch  mcp.json

> Fetched <https://modelcontextprotocol.io/overview>

> Ran Create repository – my-mcp-server (MCP Server)




> Ran Create or update file – my-mcp-server (MCP Server)

> Ran Get file or directory contents – my-mcp-server (MCP Server)

> Ran Create or update file – my-mcp-server (MCP Server)

The repository `model-context-protocol` has been created, and a detailed README explaining MCP is now included. You can view it here <https://github.com/leenallafi/model-context-protocol>

Let me know if you want to add code, examples, or other files to this repository.

2.Branch Management

CHAT

Create a new branch called testing_MCP_branch_Creation

mcp.json:1-11

> Ran Create branch – my-mcp-server (MCP Server) ✓

The branch `testing_MCP_branch_Creation` has been successfully created in your `model-context-protocol` repository. If you need to create more branches or perform other actions, let me know!

↺

👍

💬

model-context-protocol

Public

main

2 Branches

0 Tags

Switch branches/tags

✕

🔍

Find or create a branch...

Branches

Tags

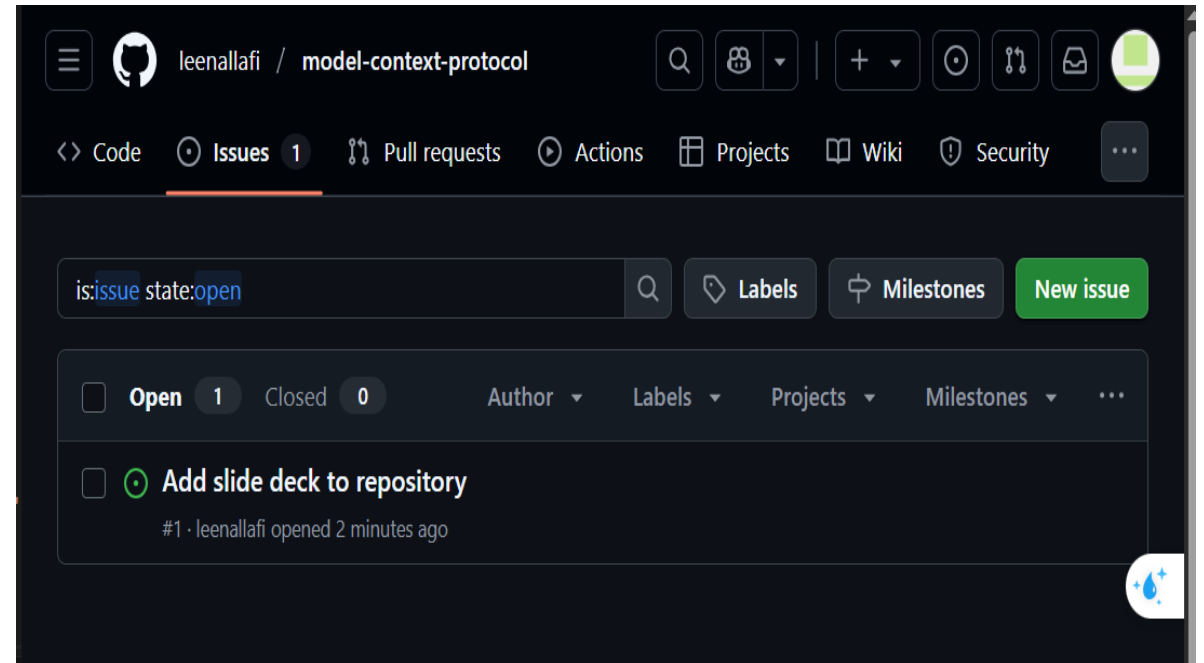
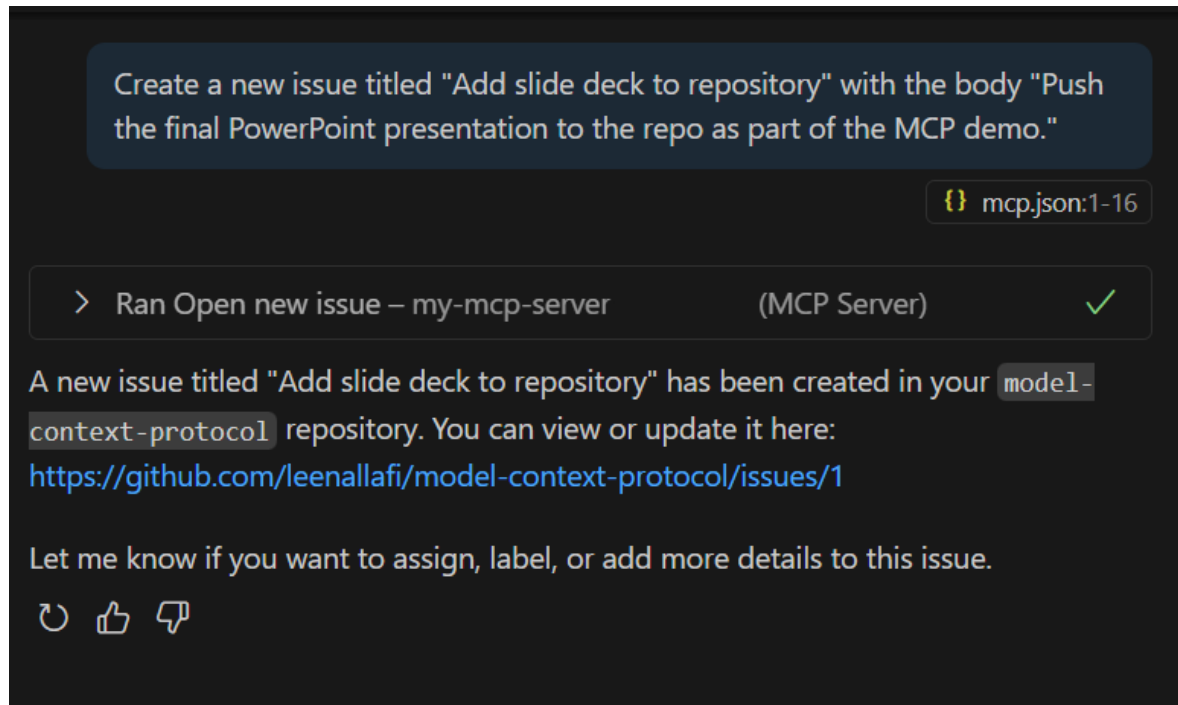
✓ main

testing_MCP_branch_Creation

default

View all branches

3. Creating Issue



.....
.....
.....
.....

.....
.....
.....
.....

`{}` mcp.json:1-16

- | | | |
|--|--------------|---|
| > Ran List commits – my-mcp-server | (MCP Server) | ✓ |
| > Ran List issues – my-mcp-server | (MCP Server) | ✓ |
| > Ran List pull requests – my-mcp-server | (MCP Server) | ✓ |

Operations related to analytics and insights.
(Note: Results will be presented on the next slide.)

Here are the analytics and insights for your `model-context-protocol` repository:

- **Commits:**

- Initial commit and a README update.
- View commit history: [Commits](#)

- **Issues:**

- 1 open issue: "Add slide deck to repository"
- View issues: [Issues](#)

- **Pull Requests:**

- No pull requests found.

Executing tasks related to security management.

✓ Created `SECURITY.md`

> Ran List branches – my-mcp-server (MCP Server) ✓

> Ran List issues – my-mcp-server (MCP Server) ✓

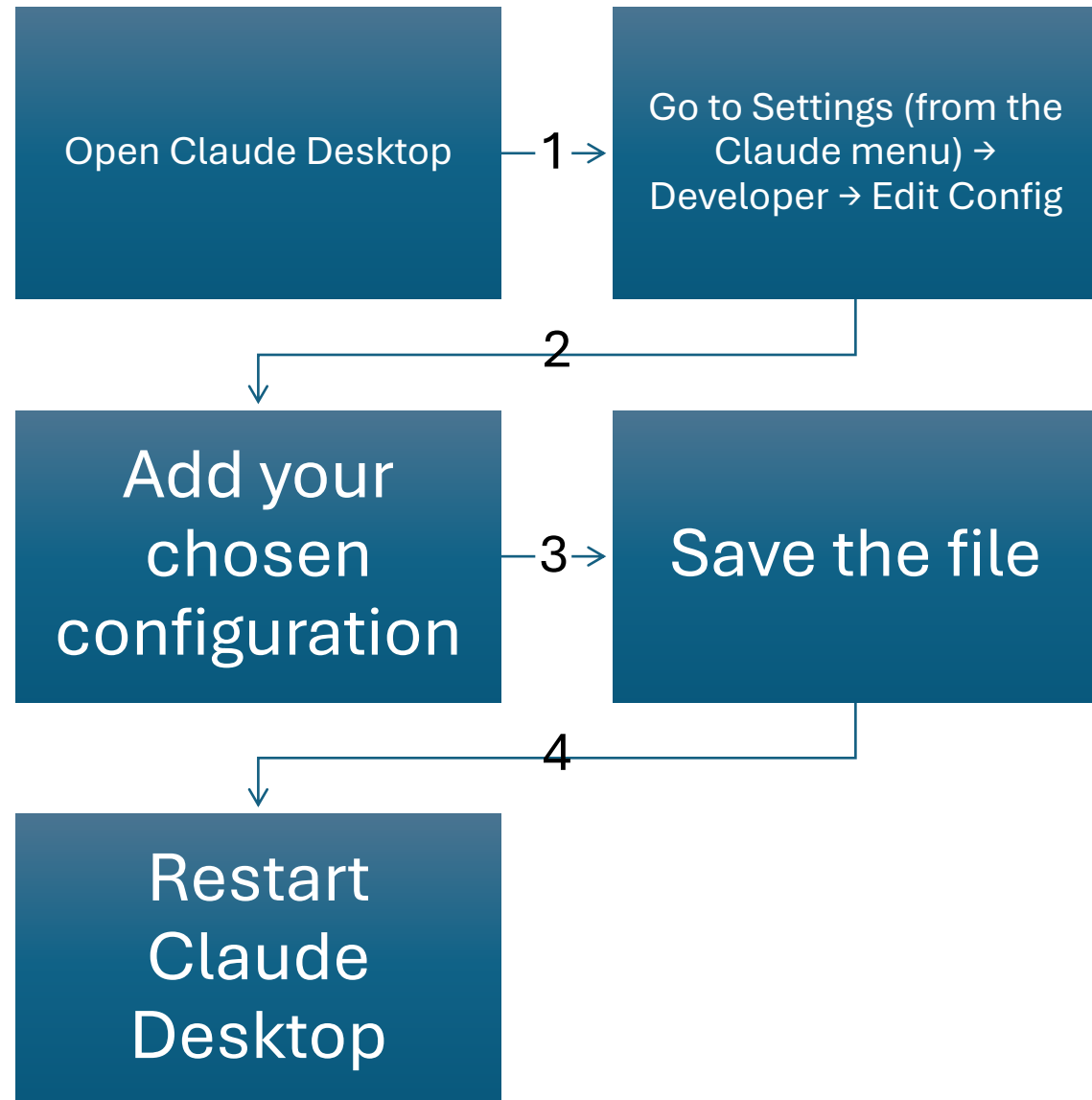
Here are three security management operations performed:

1. A `SECURITY.md` file was created in your local project to define your security policy.
2. Repository branches were listed; currently, none are protected. You can enable branch protection in your GitHub settings.
3. Repository issues were listed for review; you have one open issue.

Let me know if you want to enable branch protection, manage collaborators, or need help with other security features!



Claude Desktop



 get_me ▾

Here's your GitHub profile information:

Username: leenallafi

Name: leen

Location: Amman, Jordan

Profile: <https://github.com/leenallafi>

Bio: Data Science & AI undergrad | Passionate about human-centered AI.

ويضل الغنا وحب الحياة فوق القبور الغرقانة" ☁️🔪 وأثر الموج رح يغسل كل الأرواح التعبانة

Stats:

- Public repositories: 3
- Followers: 2
- Following: 5
- Account created: May 19, 2023
- Last updated: July 31, 2025

Let's Try it !

creating pull request

Note: After creating the pull request, I will proceed with the merging step.

 Please create a pull request to add my PPTX file to my model-context-protocol repository.

I'll help you create a pull request to add your PPTX file to your model-context-protocol repository. First, let me check your repository and see what's there, then I'll need you to provide the PPTX file.

 `get_file_contents` 

I can see your model-context-protocol repository currently has a README.md file. To create a pull request with your PPTX file, I'll need you to upload the PPTX file first.


Could you please upload your PPTX file to this conversation? Once you do that, I can:

1. Create a new branch for the pull request
2. Add your PPTX file to the repository
3. Create a pull request with an appropriate description

What would you like to name the PPTX file, and where in the repository structure would you like it placed?

Reply to Claude...



Claude Sonnet 4 



References

1. GitHub Docs

2. GitHub MCP Server

3. Install GitHub MCP Server in Claude Applications

4. Model Context Protocol Documentation



Thank you!

Made by Leen Al_lafi