Agents and MCP: The AI Alliance Projects

TechXchange | October 6-7, 2025

Dean Wampler, Dave Nielsen, Jeffrey Borek

IBM and The AI Alliance

aialliance.org

These Slides:

QR code TBD

Outline

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- What Is the AI Alliance… and Why?
- Building AI-empowered Applications: Agents, MCP, … and More
- A Quick Look at Other AI Trends and AIA Projects
- Final Thoughts

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aialliance.org

The AI Alliance brings together organizations, people, and resources to accelerate ***open innovation***, ***technology development*** and ***adoption***.

Launched December 5, 2023

bsky.app/profile/aialliance.bsky.social

linkedin.com/company/the-aialliance/

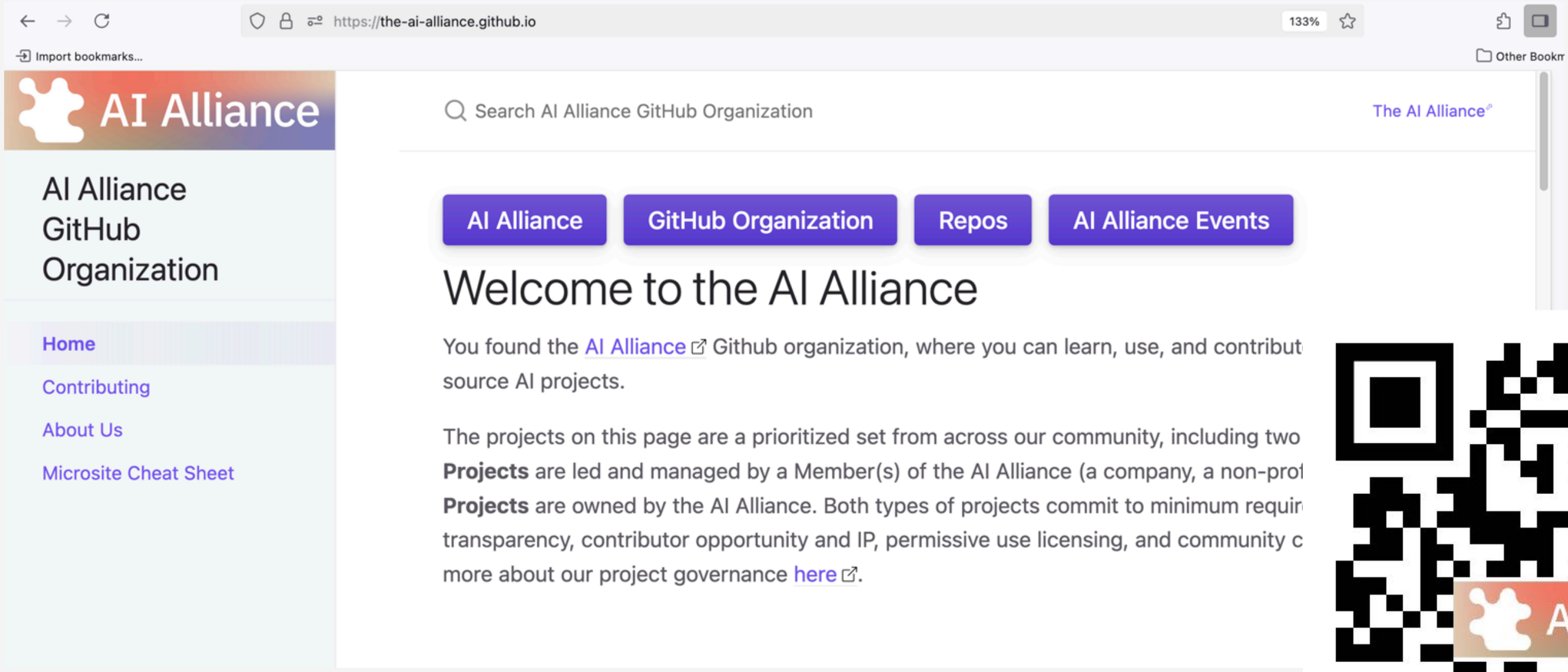
Map of Members

Member organizations in the AI Alliance comprise academia, commercial, research and non-profits and span the globe.

Our core beliefs in AI that is open is the tie that binds us, despite our differences.

The AI Alliance is made up of ~200 organizations in 24+ countries, and growing

Numerous Projects:



AI Alliance

github.com/the-ai-alliance.github.io

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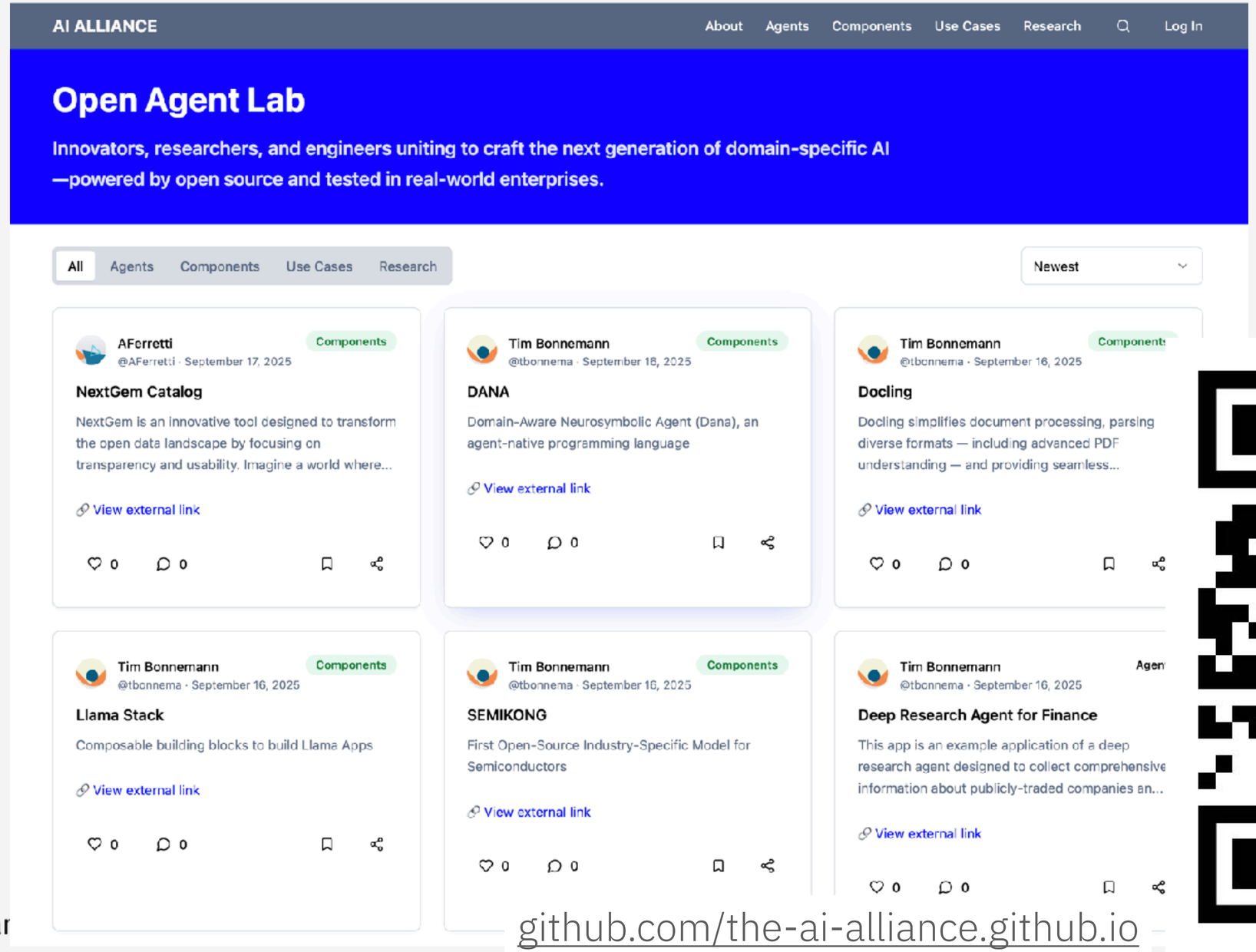
Open Agent Lab



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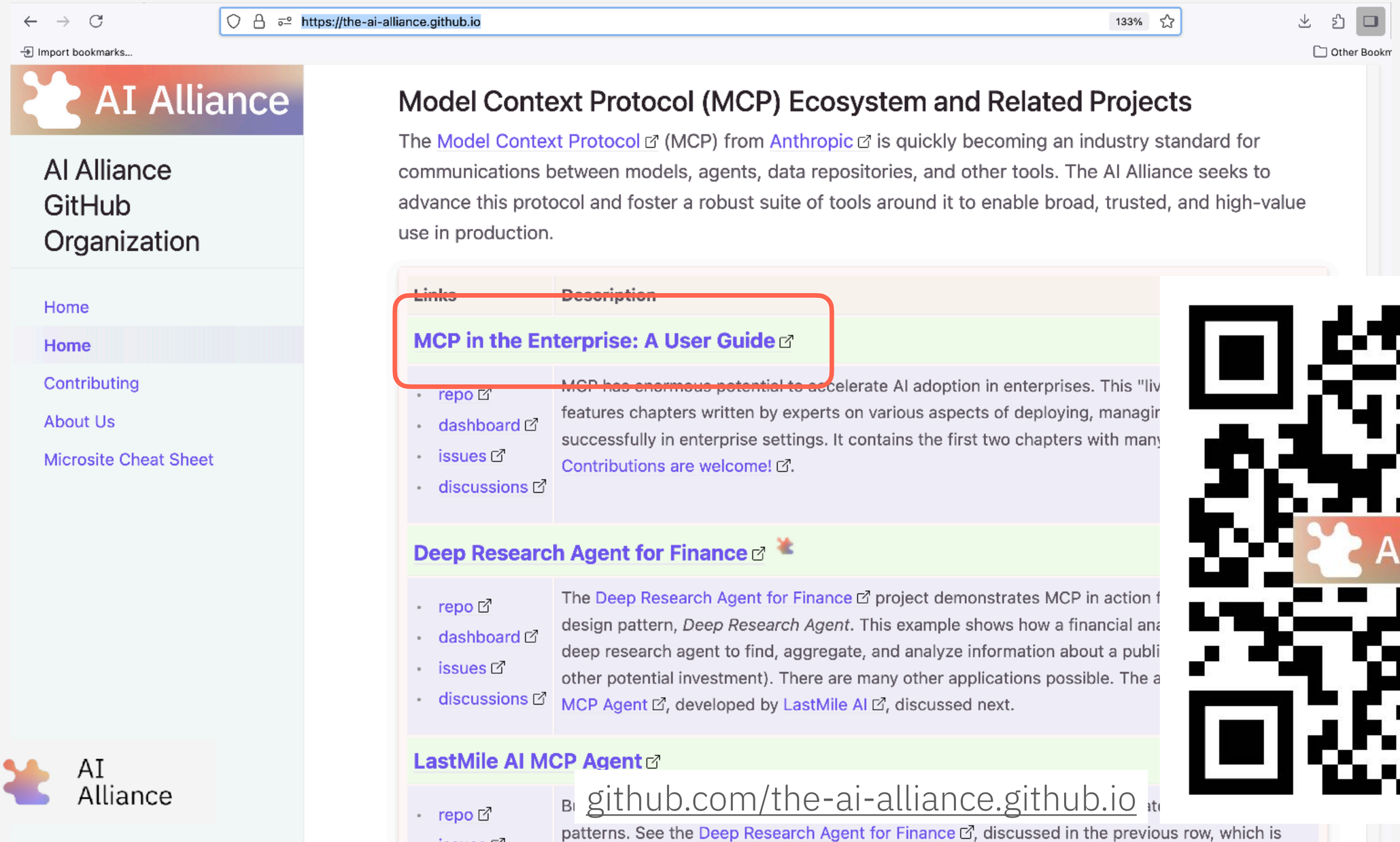
MCP Projects



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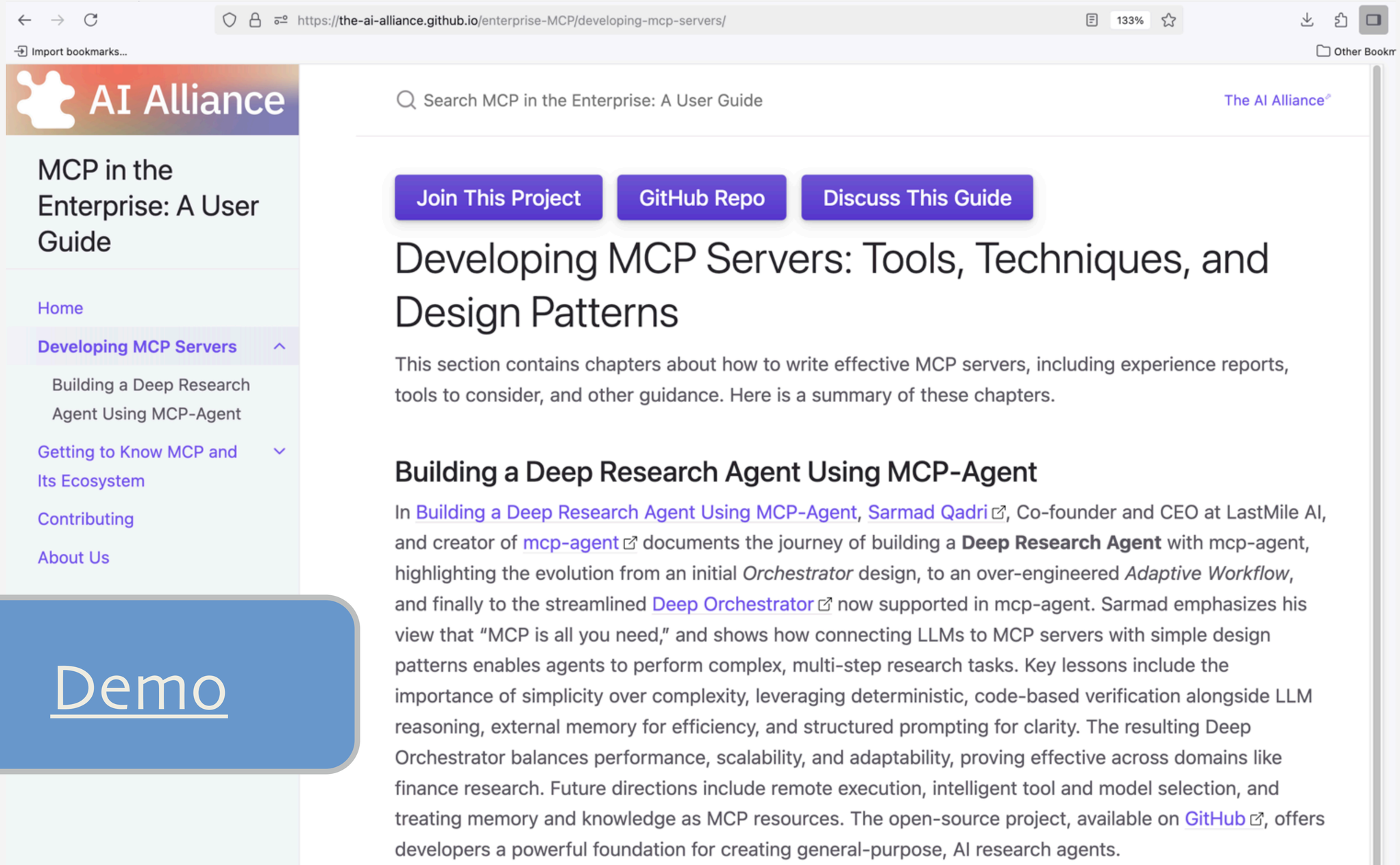
User Guide: MCP in the Enterprise



Demo

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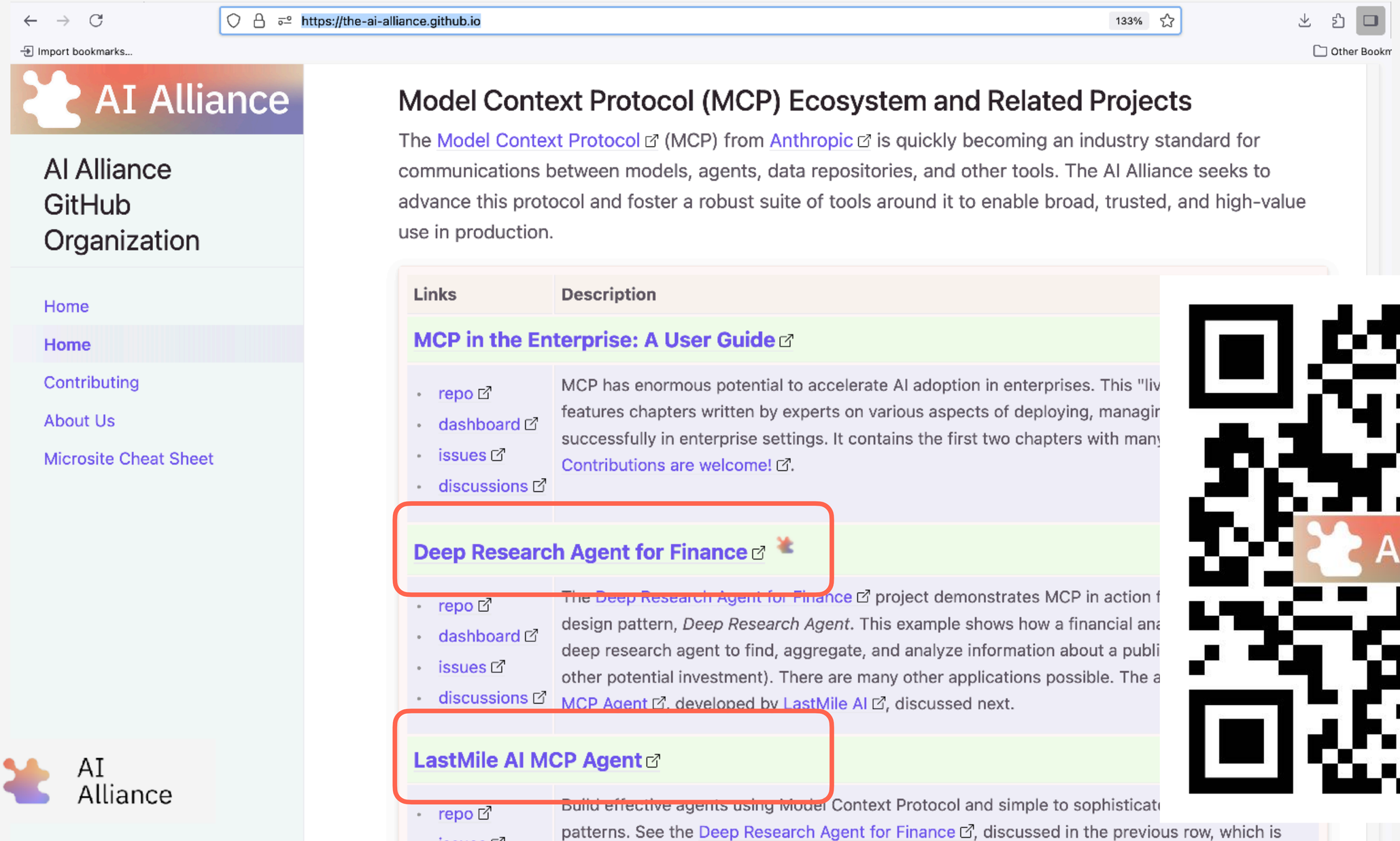
MCP + Agents


https://the-ai-alliance.github.io
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Import bookmarks...
Other Bookm
AI Alliance
AI Alliance GitHub Organization
Home
Home
Contributing
About Us
Microsite Cheat Sheet
Model Context Protocol (MCP) Ecosystem and Related Projects
The Model Context Protocol (MCP) from Anthropic is quickly becoming an industry standard for communications between models, agents, data repositories, and other tools. The AI Alliance seeks to advance this protocol and foster a robust suite of tools around it to enable broad, trusted, and high-value use in production.
Links
Description
MCP in the Enterprise: A User Guide
repo
dashboard
issues
discussions
MCP has enormous potential to accelerate AI adoption in enterprises. This "liv
features chapters written by experts on various aspects of deploying, managir
successfully in enterprise settings. It contains the first two chapters with many
Contributions are welcome!.
Deep Research Agent for Finance
repo
dashboard
issues
discussions
The Deep Research Agent for Finance project demonstrates MCP in action f
design pattern, Deep Research Agent. This example shows how a financial ana
deep research agent to find, aggregate, and analyze information about a publi
other potential investment). There are many other applications possible. The a
MCP Agent, developed by LastMile AI, discussed next.
LastMile AI MCP Agent
repo
Build effective agents using Model Context Protocol and simple to sophisticat
patterns. See the Deep Research Agent for Finance, discussed in the previous row, which is
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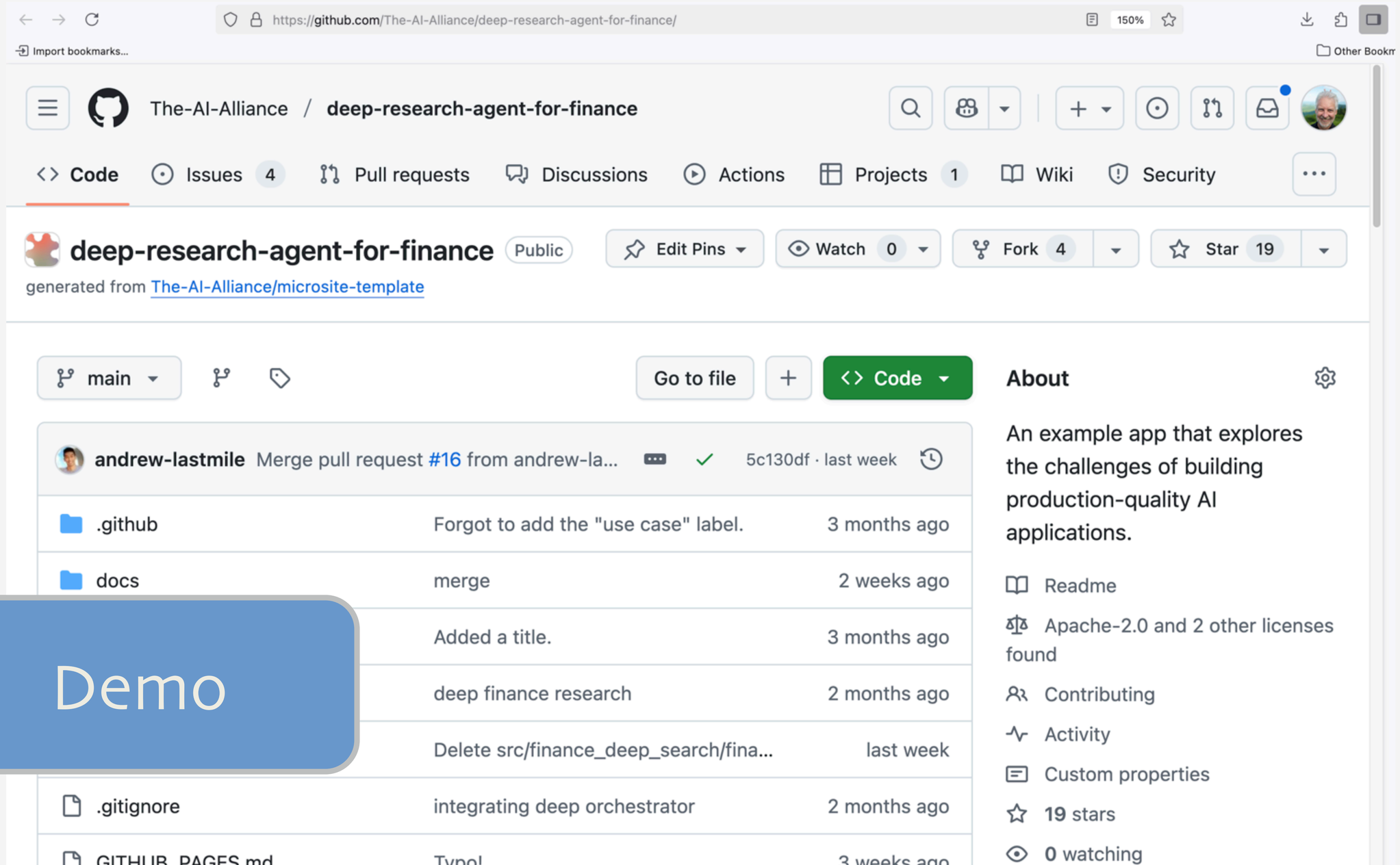
MCP + Agents: Deep Research App



Demo

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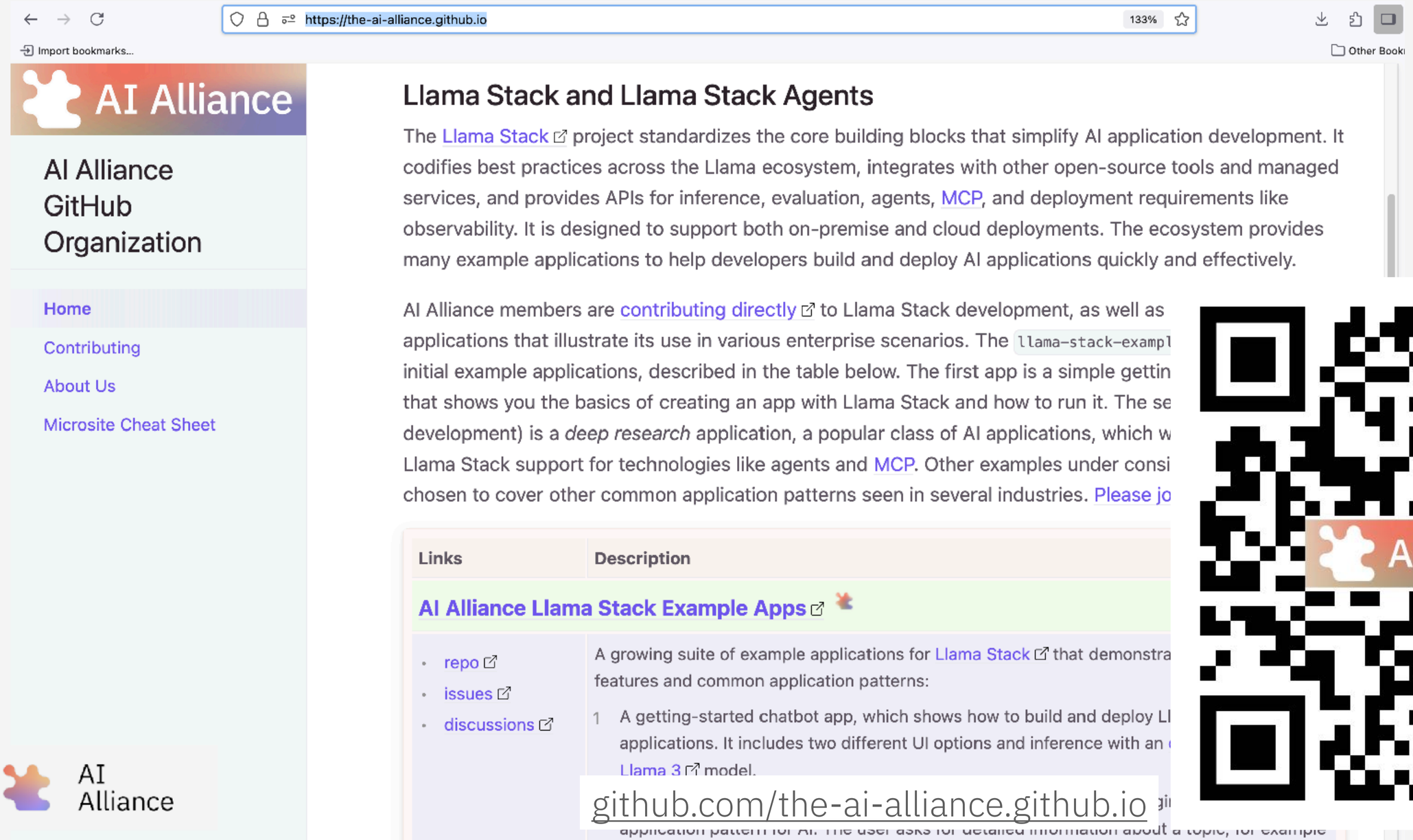
Problem: I want a full stack with consistent APIs

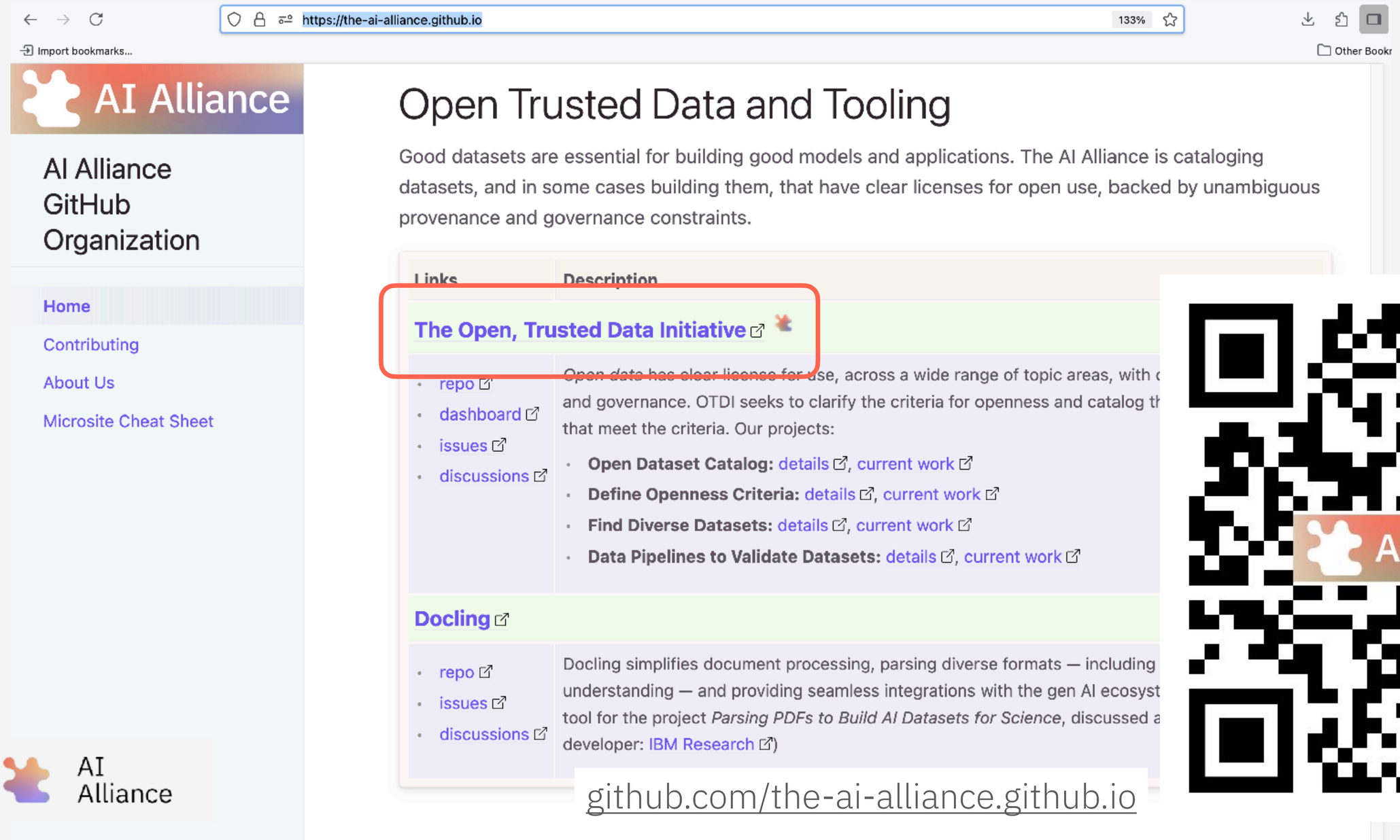
Solution: Llama Stack



github.com/the-ai-alliance.github.io


Problem: I need
open, trusted
datasets

Solution: Open Trusted Data Initiative



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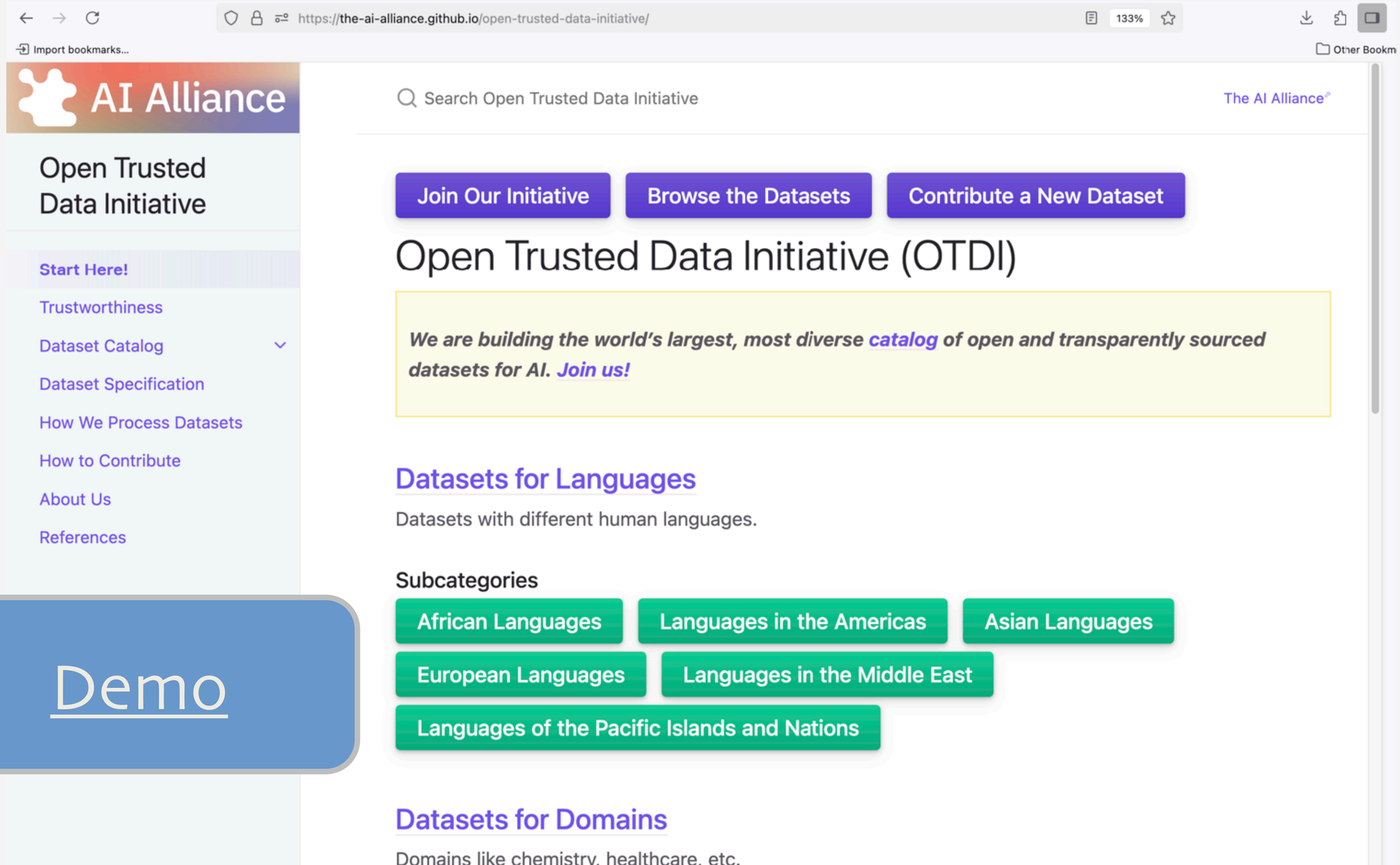
Solution: Open Trusted Data Initiative



Demo

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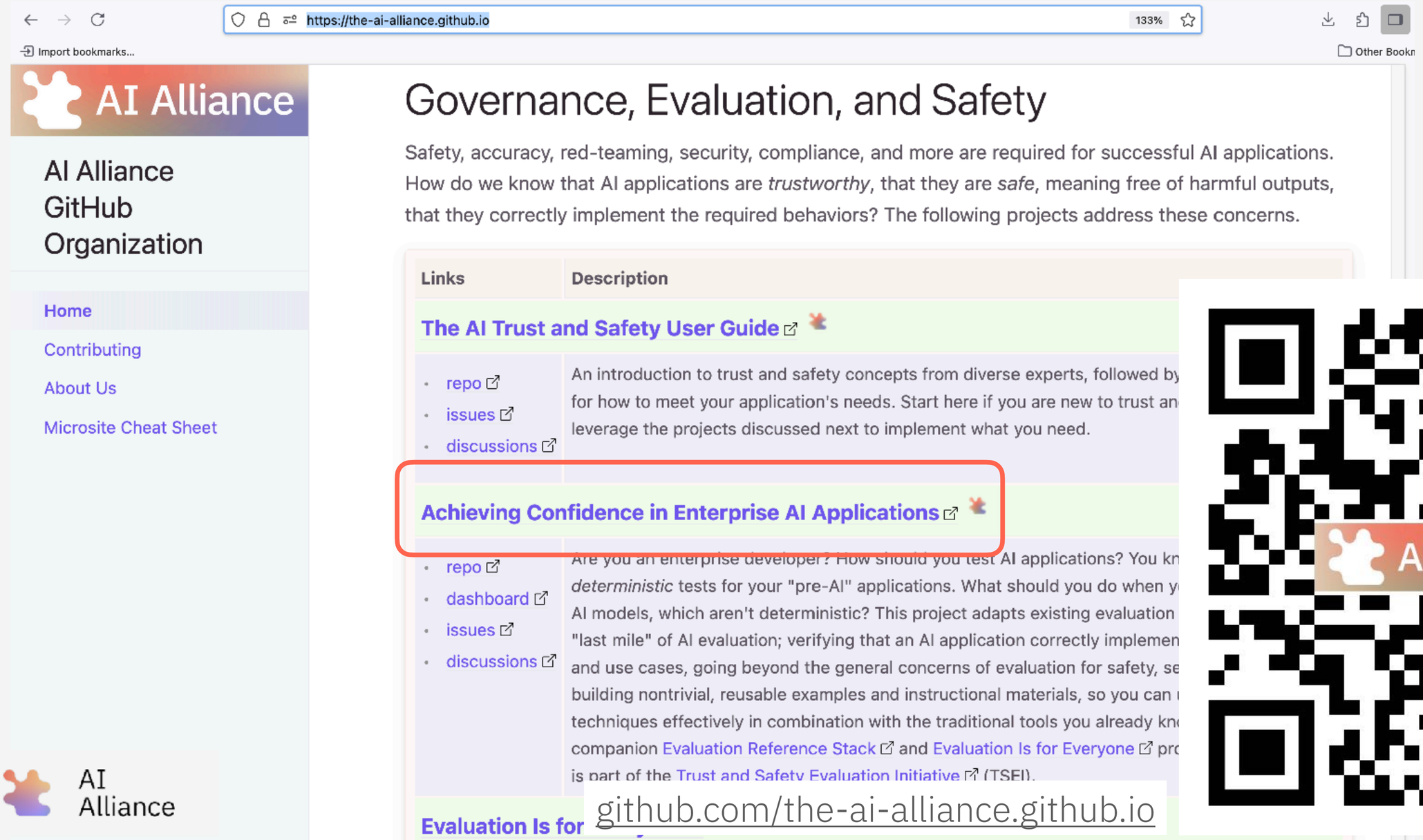
Problem: I can't
test AI-enabled
apps!

Solution: Evaluation and Safety



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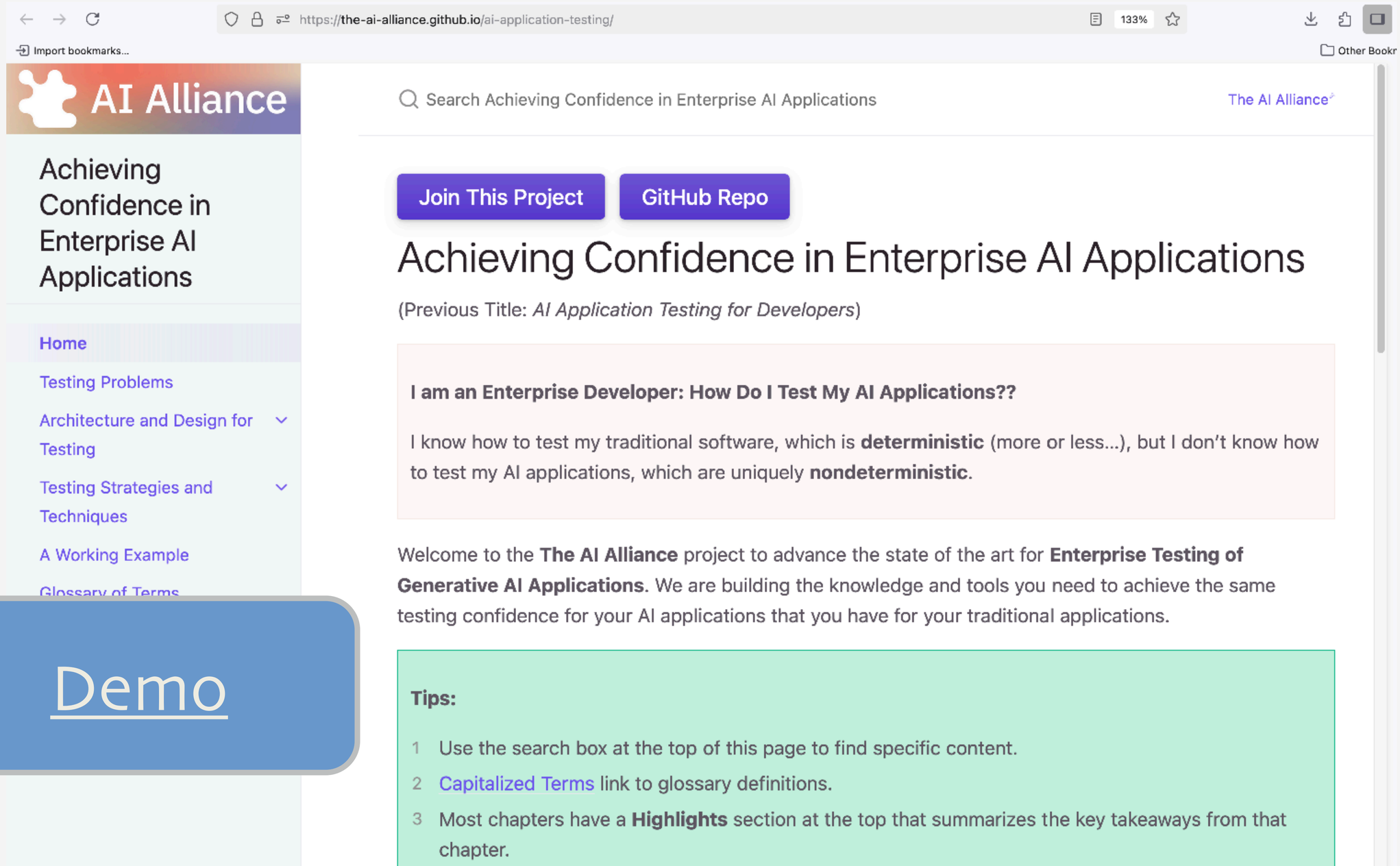
Solution: Evaluation and Safety



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Final Thoughts

ContextForge - Meets many requirements for enterprise deployments of MCP.

The AI Alliance - Strives to make all users able to safely and successfully use AI.

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Fill out our Trust and Safety survey! What are you doing? What concerns do you have?

The AI Alliance - Strives ake all users able to y and successfully l.

Extra Slides

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Retrieval-augmented Generation (RAG)

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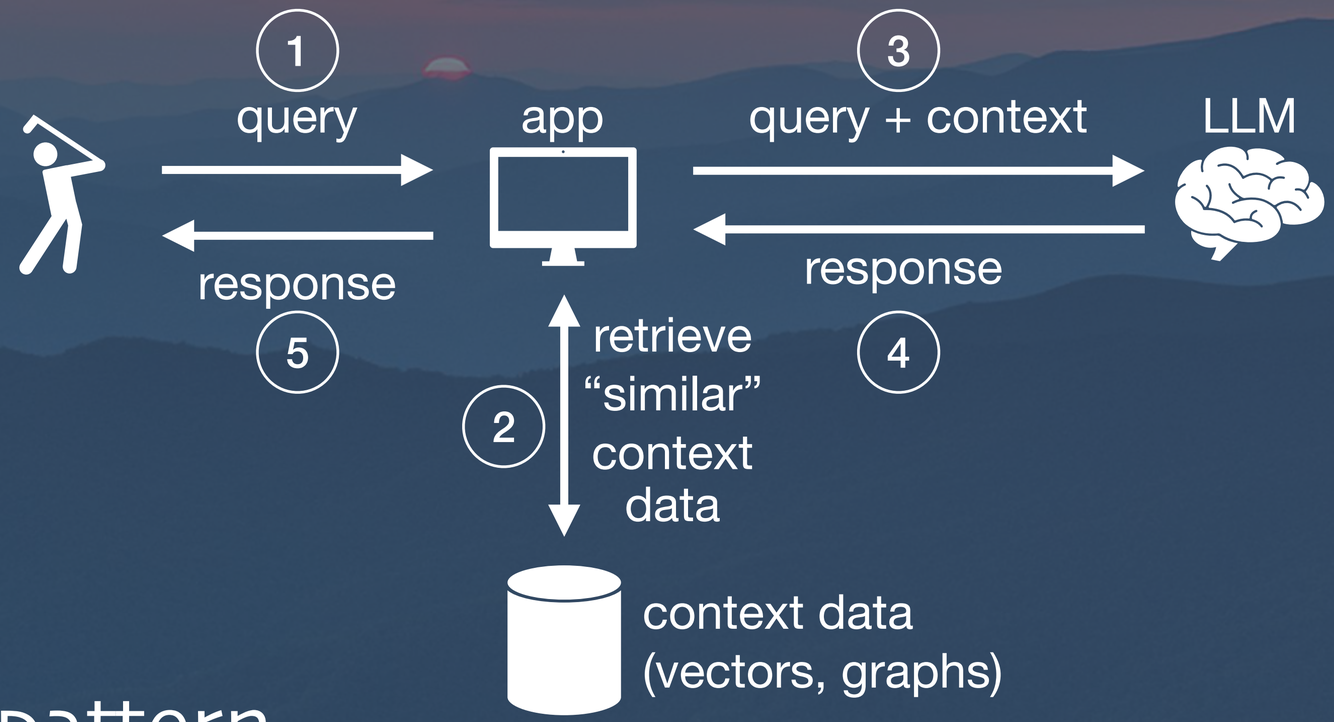


The first GenAI application pattern.

- Improves alignment.
- Incorporates new knowledge after training was done.
- Incorporates proprietary domain or use-case knowledge.

AllyCat

README Apache-2.0 license

license Apache-2.0 issues 16 open Stars 56

AllyCat

AllyCat is full stack, open source chatbot that uses GenAI LLMs to answer questions about your website. It is simple by design and will run on your laptop or server.

Why?

AllyCat is purposefully simple so it can be used by developers to learn how RAG-based GenAI works. Yet it is powerful enough to use with your website, You may also extend it for your own purposes.

⭐ **Found this tool helpful? Give it a star on GitHub to support the project and help others discover it!**

🗞️ Allycat news - releases and new features!

How does it work?

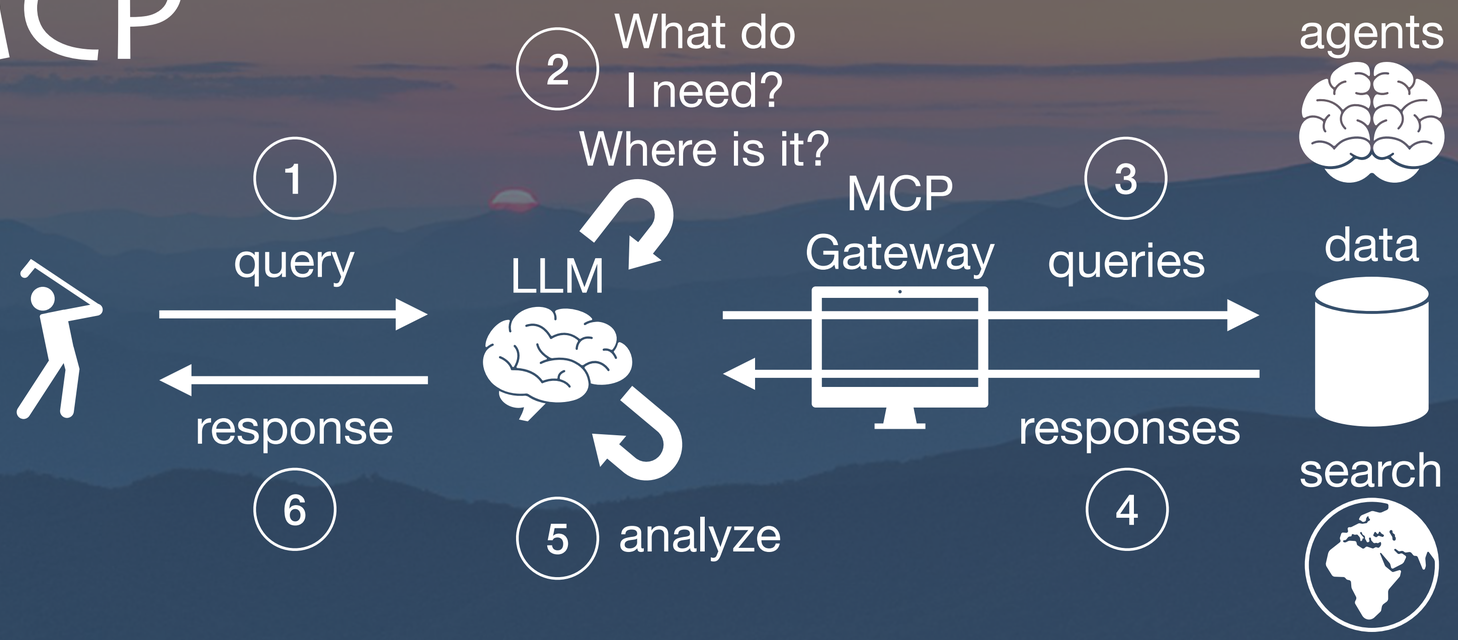
AllyCat uses your choice of LLM and vector database to implement a chatbot written in Python using RAG architecture. AllyCat also includes web scraping tools that extract data from your website (or any website).

github.com/The-AI-Alliance/AllyCat/

Extra Slides

Agents and Model Context Protocol (MCP)

Agents and MCP



The second+ GenAI application pattern(s).

- LLMs do what they do best. Other tools do what they do best, orchestrated together.
- Flexible for very diverse use cases.