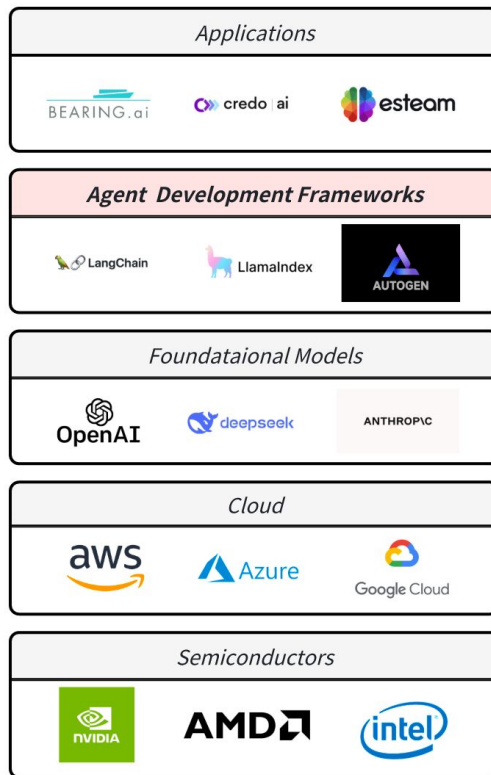


Potentially Integrating NLIP with Agent Development Frameworks

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Agent Development Frameworks

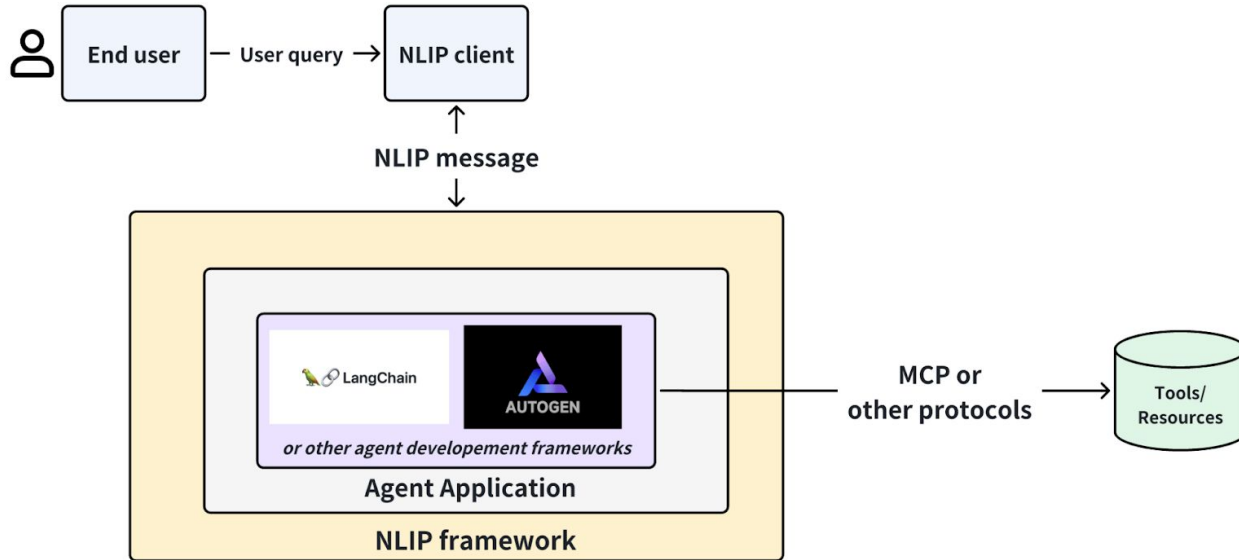
- LangChain, AutoGen, Llamaindex, etc.
- toolkits for building agent applications on top of LLMs, offering building blocks for prompts, memory, tool usage, etc.



NLIP Integrates with Agent Development Frameworks

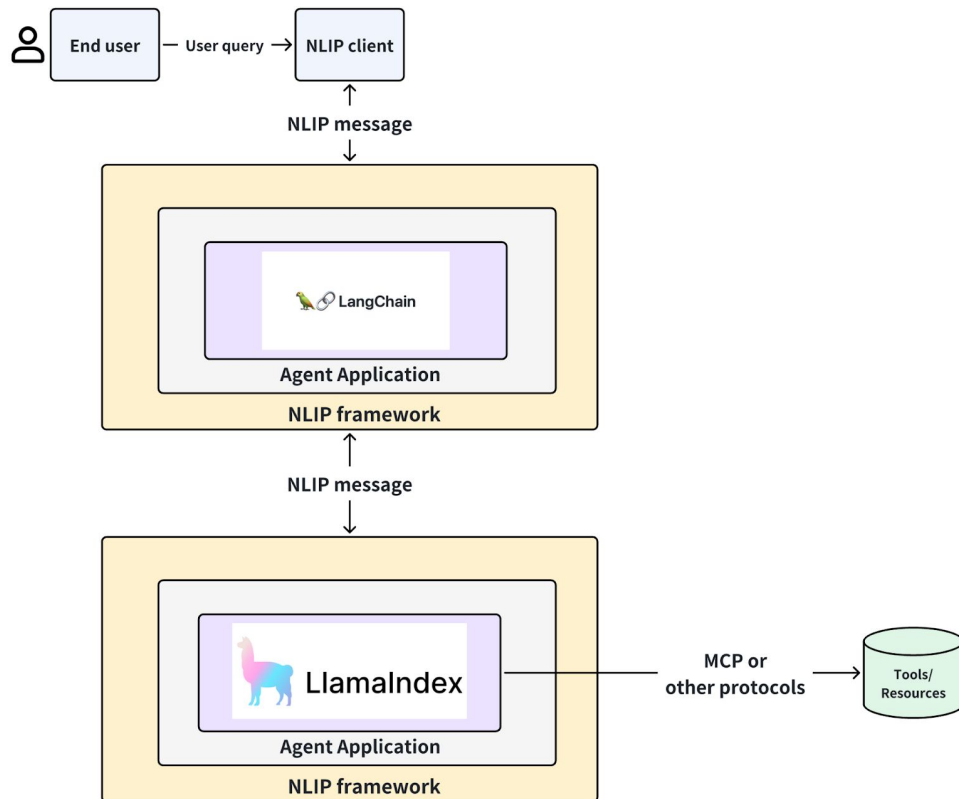
Proof-of-Concept Implementation: A weather query chatbot.

Integrate NLIP with Langchain or Autogen, and enable tool calling with MCP or framework-specific protocols.

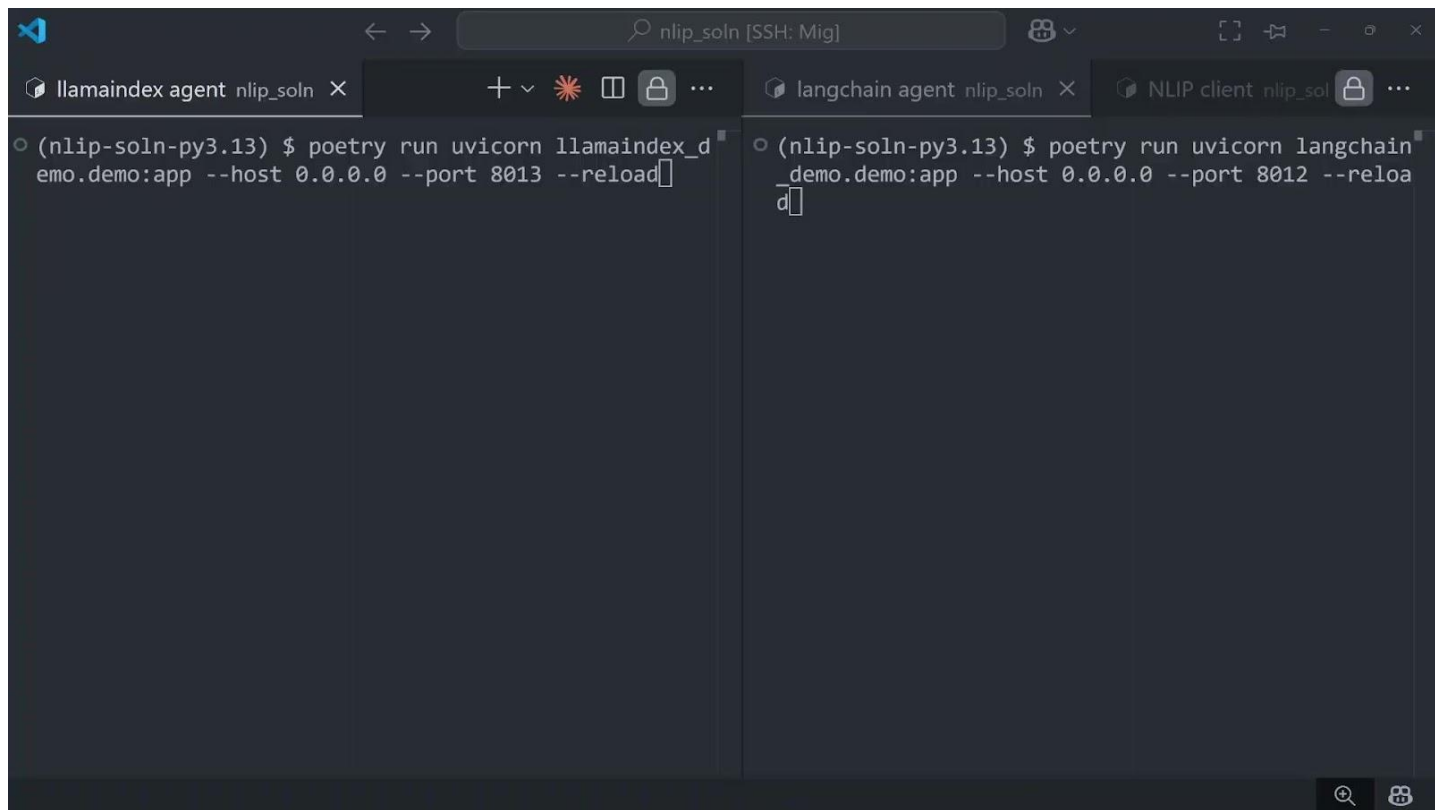


Inter-agent communication with NLIP

NLIP handles communication between different agents.



Demo

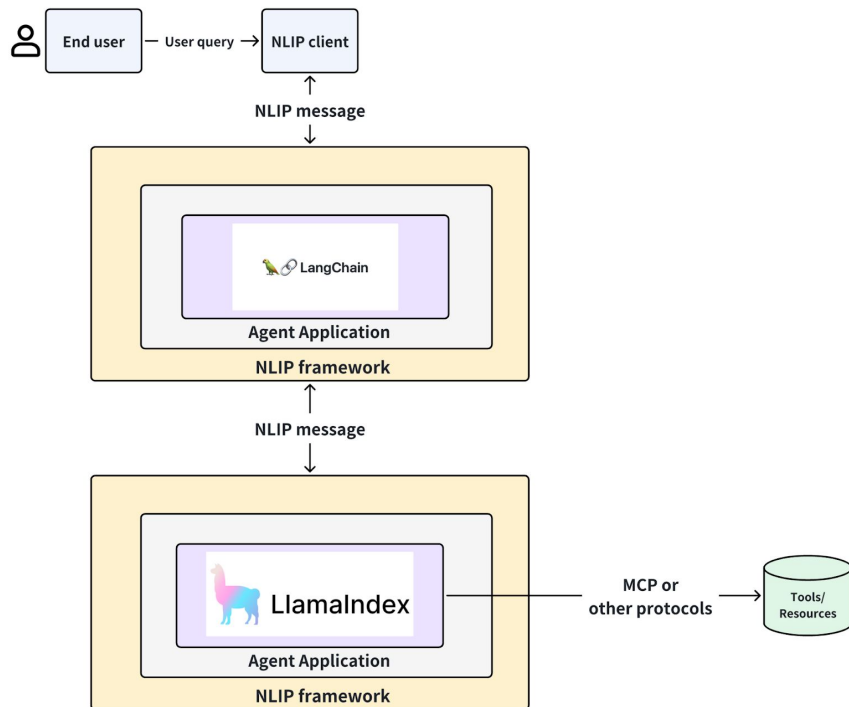


```
(nlip-soln-py3.13) $ poetry run uvicorn llamaindex_demo:app --host 0.0.0.0 --port 8013 --reload
```

```
(nlip-soln-py3.13) $ poetry run uvicorn langchain_demo:app --host 0.0.0.0 --port 8012 --reload
```

Summary

- NLIP can seamlessly integrate with agent development frameworks.
- NLIP enables inter-agent communication.



Thank you!