APaper Env Config SetUp

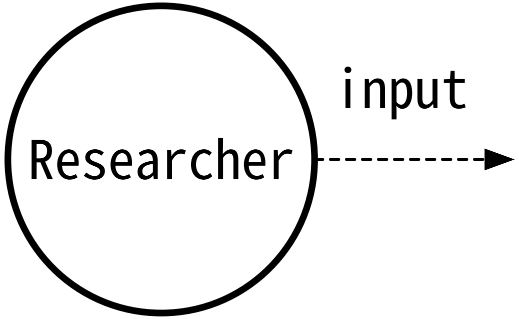
isomo[1]

2025-06-26

[1] github/jiahaoxiang2000

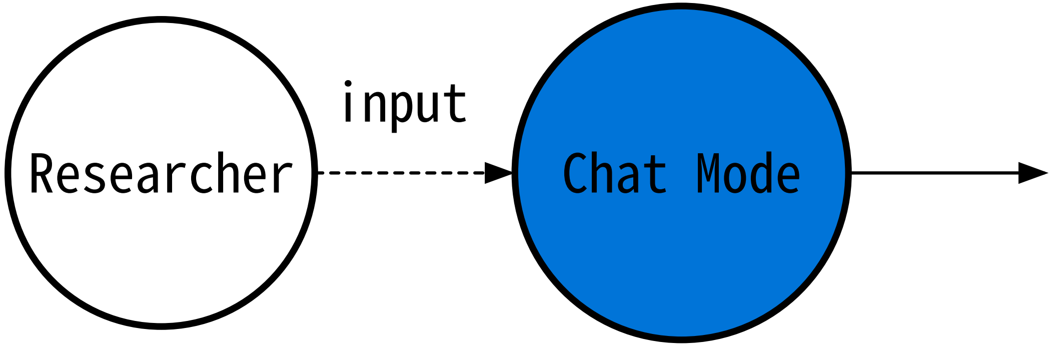
Overview

APaper Architecture



Blue fill: *APaper Configure Points*

APaper Architecture



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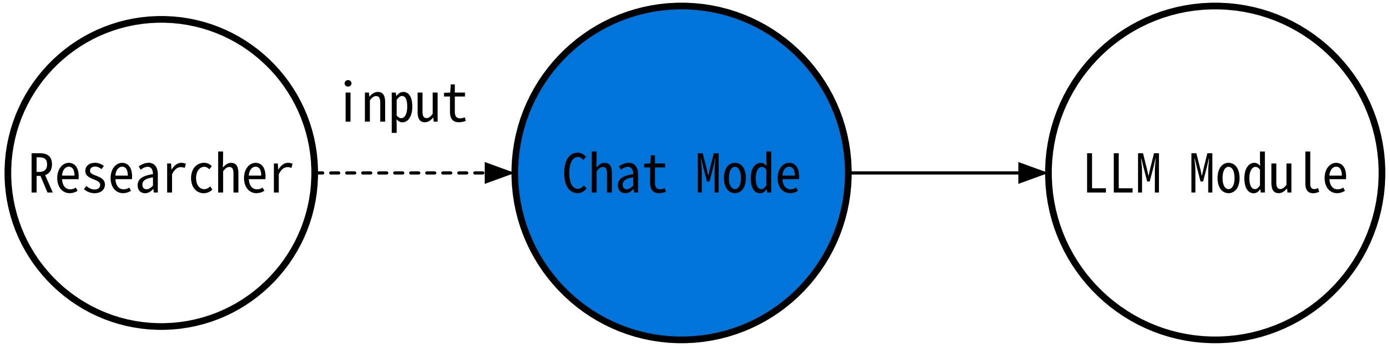
APaper Architecture



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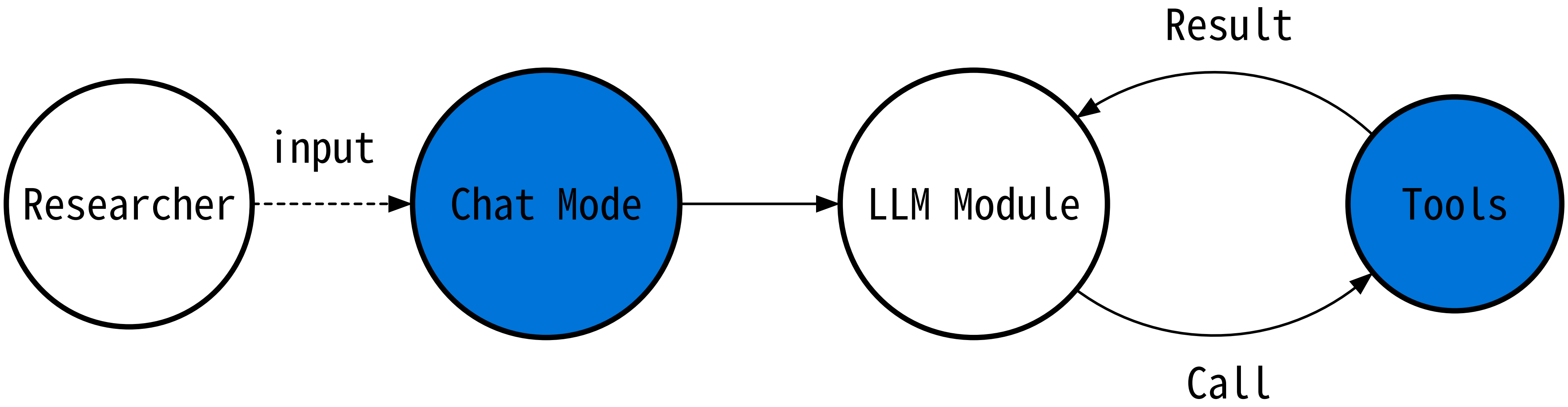
APaper Architecture



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Env SetUp

Tools (All in MCP) - install

MCP (Module Context Protocol) is support the **tools** for LLM module.

[1] https://pypi.org/project/all-in-mcp/

[2] https://github.com/astral-sh/uv

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We publish the Package on the pypi.org[1], So use the `pip install all-in-mcp` to install the MCP tools.

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Recommender:

- use the **UV**[2] to create the virtual environment `uv venv`
- and use the `uv pip install all-in-mcp` to install the MCP tools.

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- allow the package by our email address, named MCP Server
- *Recommender* select store to workspace setting
- it will create the `.vscode/mcp.json` file in your workspace

Tools work with VS Code

Default

`.vscode/mcp.json`

```
{
  "servers": {
    "all-in-mcp": {
      "command": "uv",
      "args": ["run", "all-in-mcp"],
      "cwd": "/path/to/all-in-mcp" // not use `uv venv` command
    }
  }
}
```

Tools work with VS Code

Recommender

```
.vscode/mcp.json
{
  "servers": {
    "all-in-mcp": {
      "command": "uv",
      "args": ["run", "all-in-mcp"] // used `uv venv` command
    }
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}
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- Predefine *Chat Mode* on the `.github/chatmodes/*.chatmode.md` file
  - To constraint what *tools* can be used, e.g., only use `search` tool

Thanks Everyone

Enjoy the ***APaper*** 😃 !