Grouper and AI

Grouper MCP

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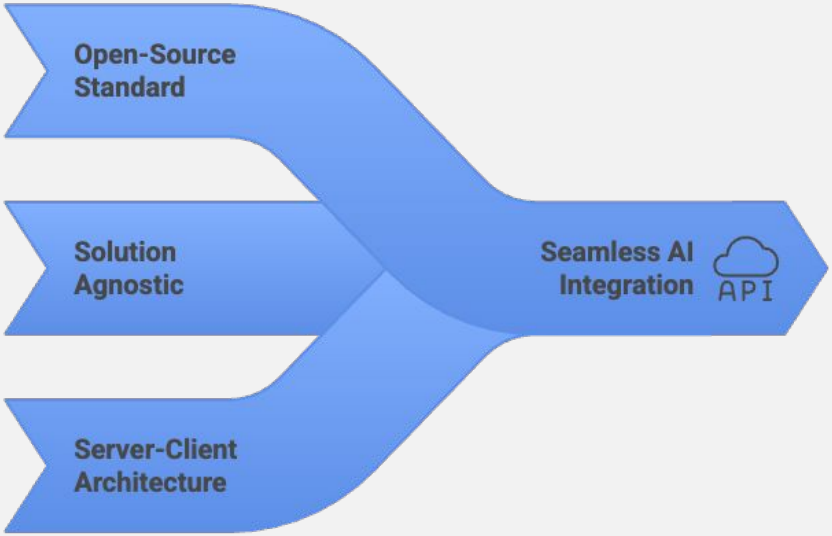
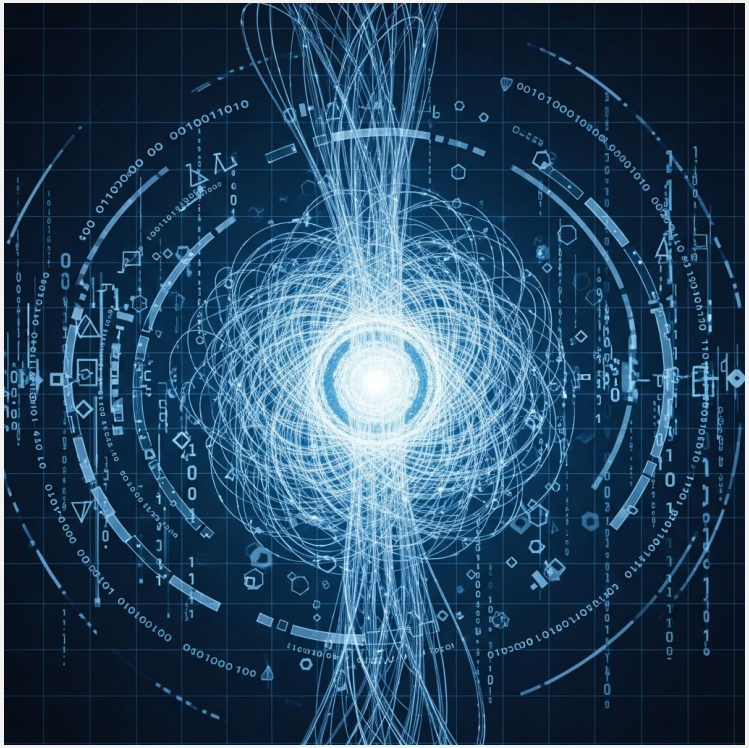
Model Context Protocol - Definition

1. Facilitates AI connectivity through open-source protocols.
2. Supports various AI agents regardless of underlying technology.
3. Ensures data security and model separation in AI systems.





Model Context Protocol - Benefits

Controlled Integration

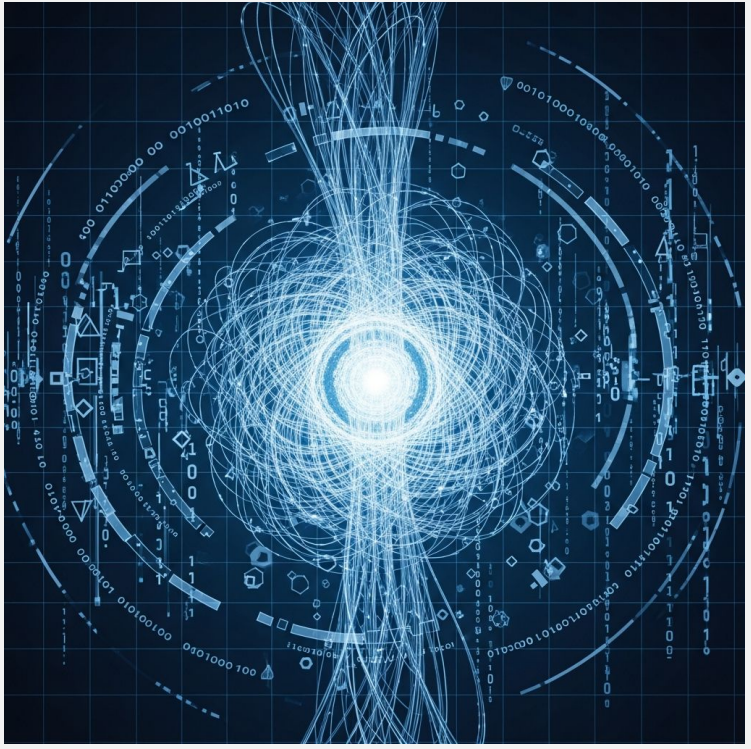
Controlled, reusable, and standardized AI tool integration.

Enable natural language interaction with technical tools and APIs.

Natural Language Interaction

Granular Access

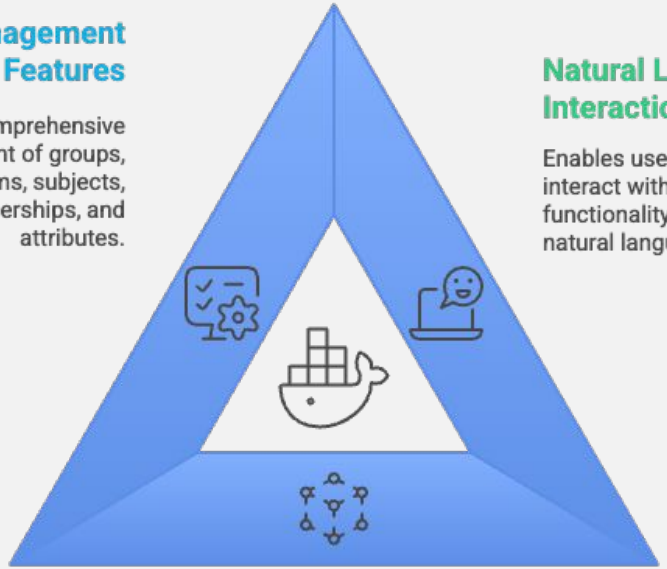
Provides granular access and event audit log.



Grouper-MCP - What it offers

Management Features

Provides comprehensive management of groups, stems, subjects, memberships, and attributes.

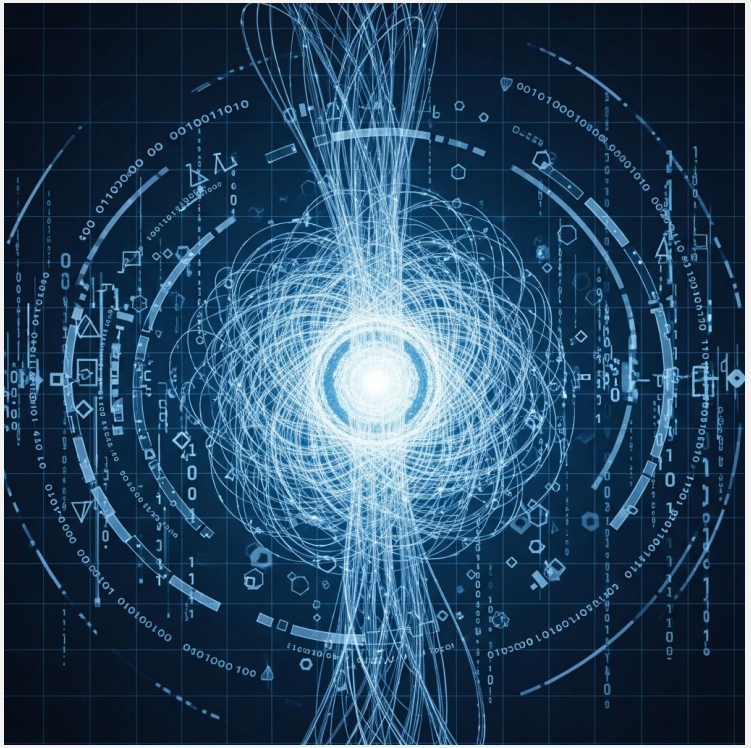


Natural Language Interaction

Enables users to interact with Grouper functionality using natural language.

Web Services API

Built on Grouper's Web Services API for seamless integration.



Grouper-MCP - How to use

https://github.com/unicon/grouper-mcp

GitHub Repository

Access the Grouper MCP repository on GitHub.

Deployment Options

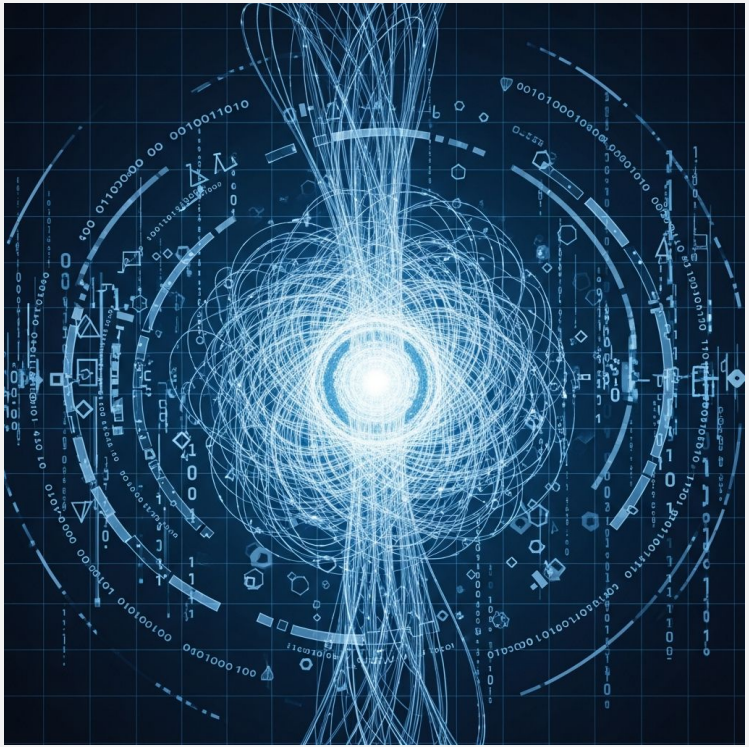
Deploy the MCP on disk or using Docker.

Access Methods

Access the MCP via stdio, HTTP, or SSE.

Testing Environments

The MCP has been tested with Claude Desktop and Open WebIO.



Grouper-MCP - Security

Configuration Settings

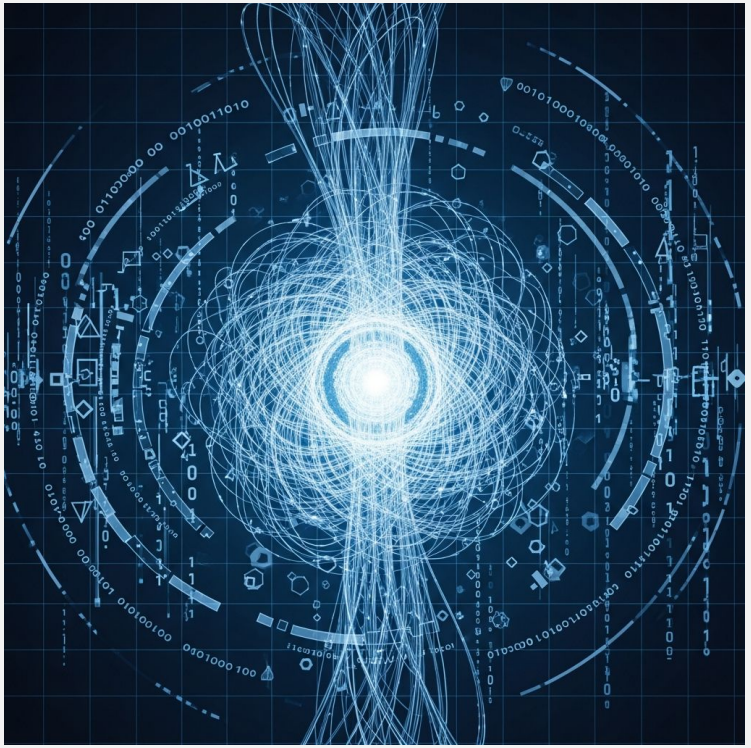
Configuration settings can be built into the docker container.

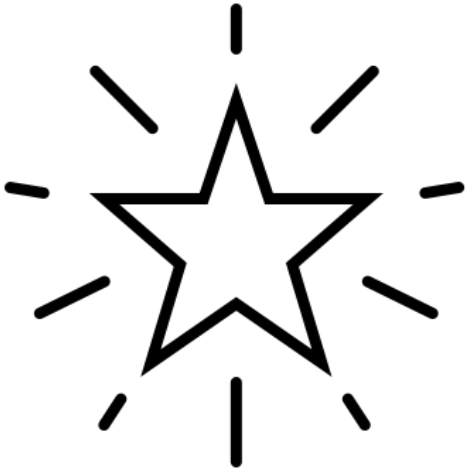
Read Only Mode

Read only mode restricts the tools that are available.

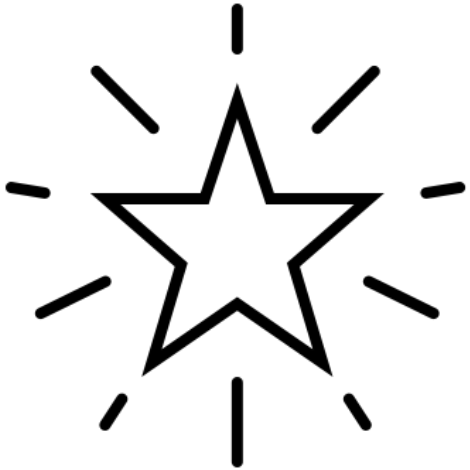
Grouper Permissions

Uses Grouper's built in permissions for access control.

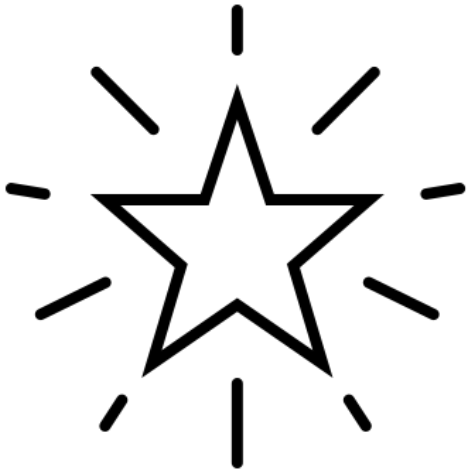




DEMO



Q&A



Thanks!