

Host (e.g. Claude Desktop, IDE Plugin, Agent Framework)

LLM

Large Language Model

tool calls / results

MCP Client A

JSON-RPC 2.0
(stdio / SSE)

MCP Client B

JSON-RPC 2.0
(stdio / SSE)

MCP Client C

JSON-RPC 2.0
(stdio / SSE)

MCP Protocol Layer · JSON-RPC 2.0 · Transport: stdio | HTTP+SSE

MCP Server A

Filesystem / Git

MCP Server B

Database / Search

MCP Server C

Cloud / API

