WTF is MCP?
Simple, short introduction

What is MCP?

The Model Context Protocol (MCP) is a new way for LLMs to connect with additional resources and tools.

You can think of it as a "universal connector" that allows your AI to get real-time data from different sources like documents, databases, emails, websearch, etc., instead of just relying on the trained internal knowledge.
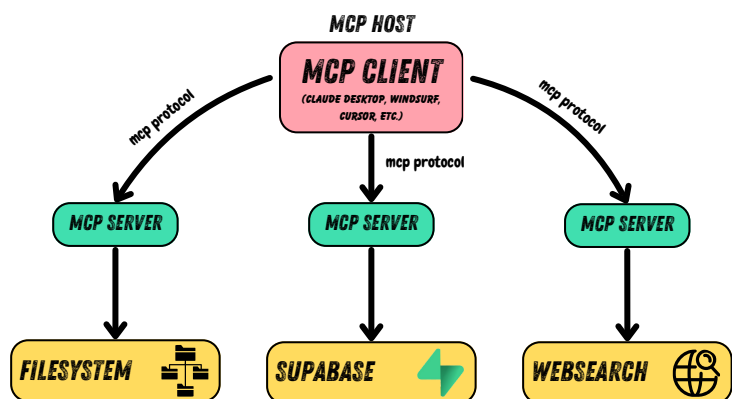
Why we need it?

Before MCP was out, your AI Agents needed to implement custom connection for each ressource/tool it should use.

This is very time consuming and inefficient.

MCP solves this, by providing a standardized, common system that any AI Model or Agent can use to interact with third-party ressources.

How does it work?

MCP HOST

MCP CLIENT
(CLAUDE DESKTOP, WINDSURF, CURSOR, ETC.)

mcp protocol — mcp protocol — mcp protocol

MCP SERVER — MCP SERVER — MCP SERVER

FILESYSTEM — SUPABASE — WEBSEARCH

1. The user sends a prompt e.g. "What is bolt.diy?"

2. The client (Claude Desktop, Windsurf, Cursor, ...) decides if it can handle it itself or if I makes sense to call a external tool (MCP Server) to fullfill the requirement. => it cant in this case

3. Calling the correct MCP Server based on the request => here it will call the Websearch to get latest infos about bolt.diy

4. The MCP Server calls the corresponding tool, which provides the needed information and sends it back to the client

5. The client can use this informations to provide better, more accurate answers.

Example filesystem mcp-sever

```
{
  "mcpServers": {
    "filesystem": {
      "command": "npx",
      "args": [
        "-y",
        "@modelcontextprotocol/server-filesystem",
        "/Users/Leex279/Documents/GitHub/"
      ]
    },
    "git": {
      "command": "python",
      "args": ["-m", "mcp_server_git", "--repository", "/Users/Leex279/Documents/GitHub/bolt.diy"]
    }
  }
}
```