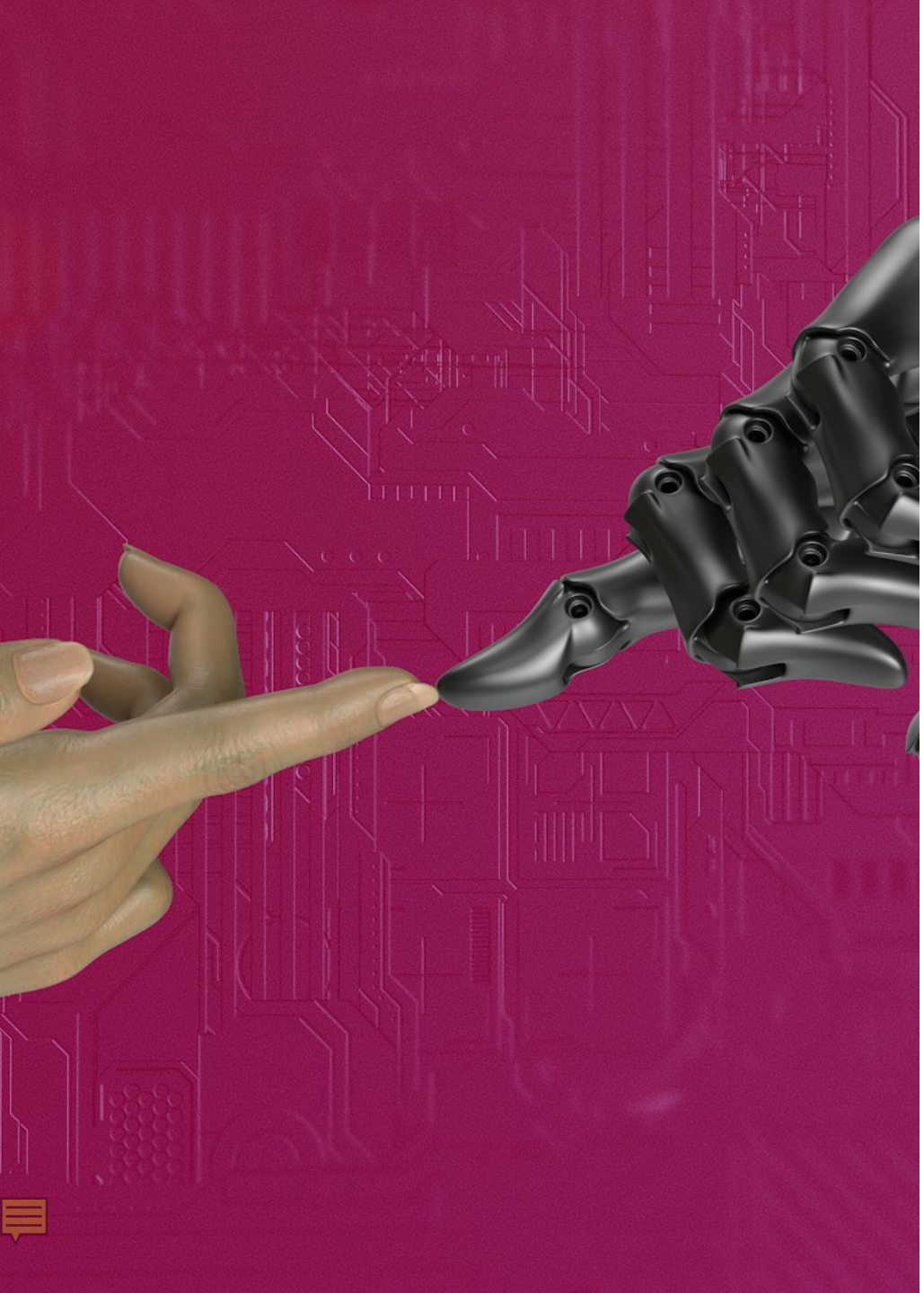

Model Context Protocol: A Systems Integration Perspective

Photo by Igor Omilaev on Unsplash

Daniel Mikusa

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- Paketo Steering Committee Member
- Cloud-Native Buildpacks Maintainer

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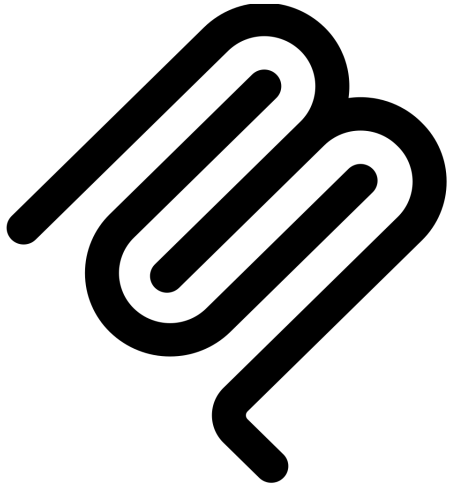
Slides

https://github.com/dmikusa/mcp-a-systems-integration-perspective

What's MCP?

Model Context Protocol



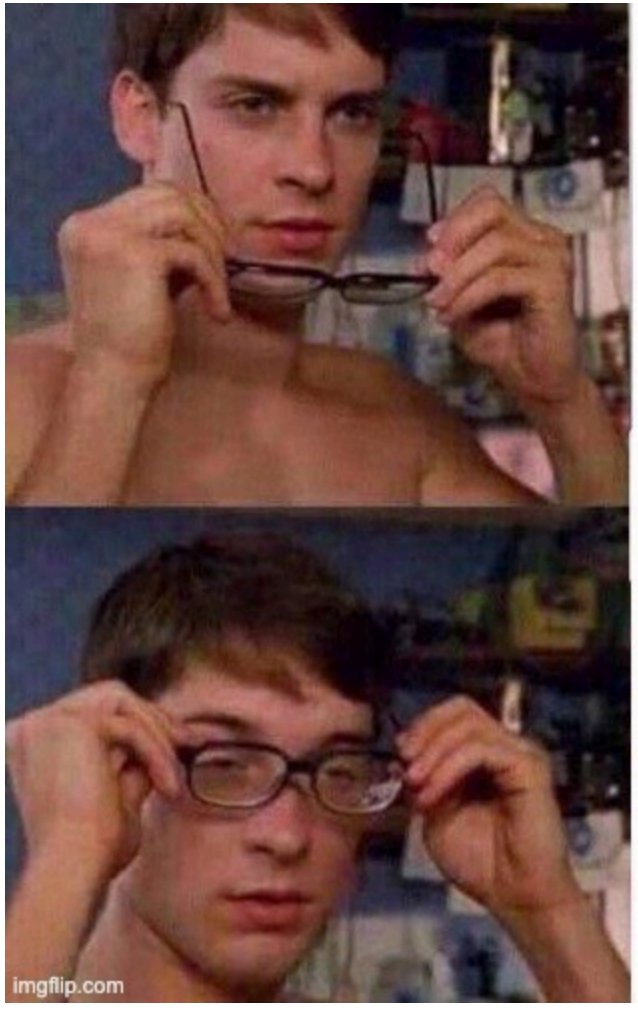
What's the Business Value?

WHY DO WE NEED MCP?
imgflip.com

Why not Rest and Open API?

So MCP Everywhere?

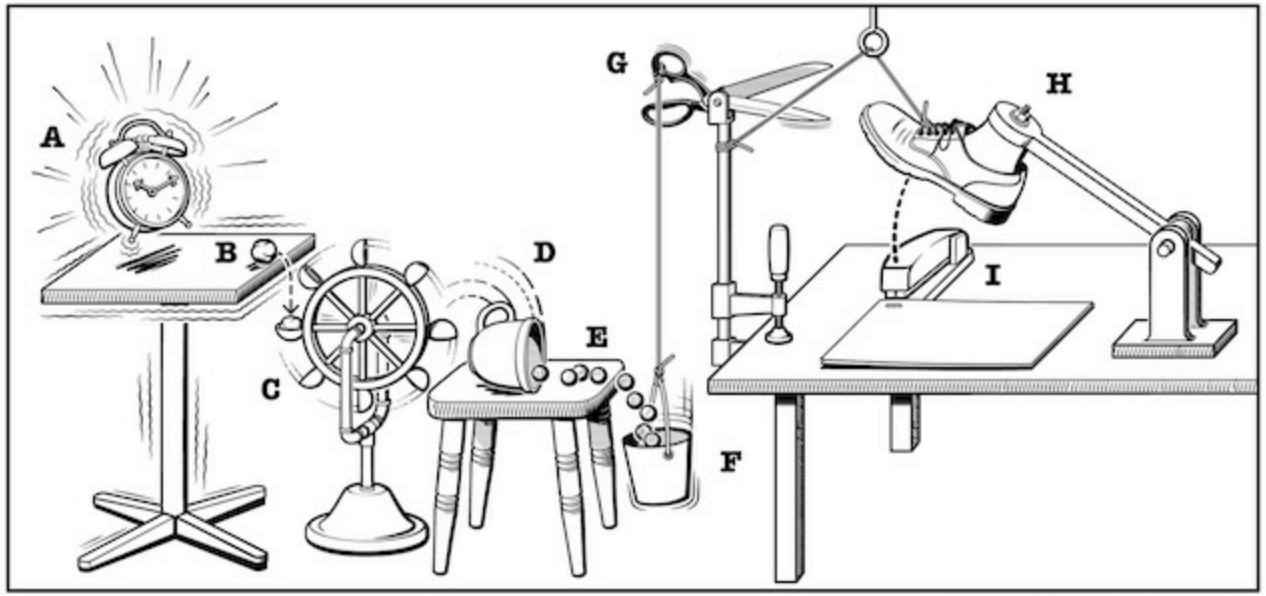
Trust Your Instincts



API

REST/OPENAPI
GRAPHQL
MCP

Systems Integration All the Way Down



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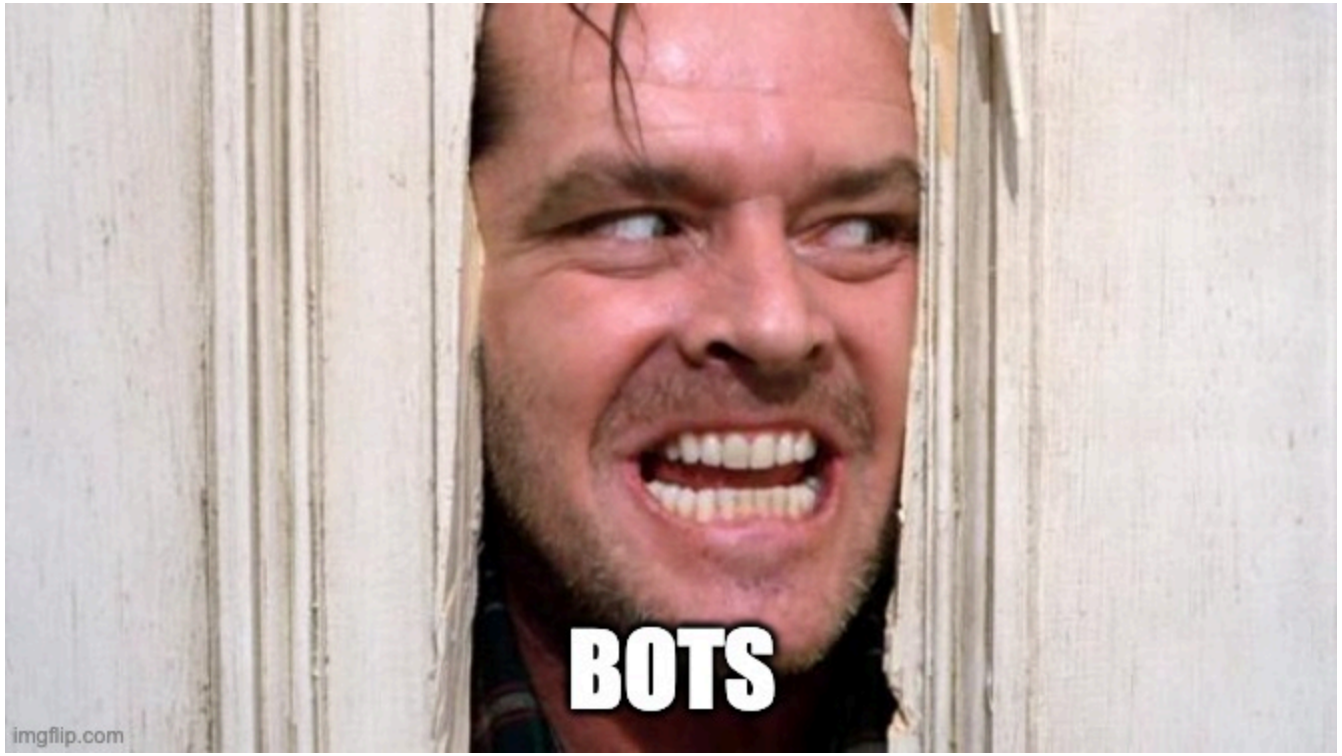
Patterns for Building Remote MCP Servers

Patterns for Deploying Remote MCP Server

Demo – CodeMash MCP Server

Security!



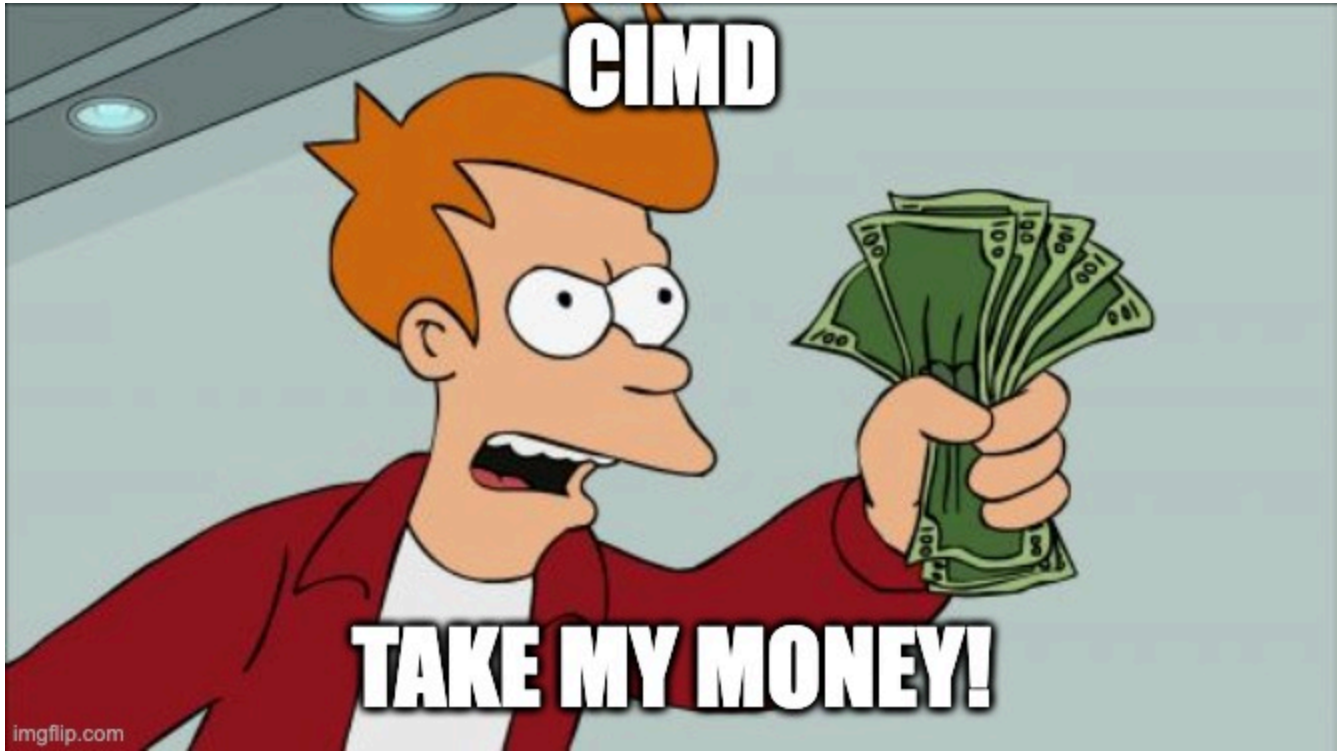
What's the same?

What's different?

Dynamic Client Registration (RFC-7591)

Why DCR is not the answer?

Client ID Metadata Documents (CIMD)



CIMD FTW?

What to do then?

Summary

Feedback

https://sfeedback.com/bi4iof

Questions?

Slides (again)

https://github.com/dmikusa/mcp-a-systems-integration-perspective