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World16とはVR都市の生成や可視化分野の研究開発を行う
１６名nからなる国際的な専門家グループ です。

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2008	Aug.	1st VR Summer Workshop in **ASU**
2009	May	World16 Invited Lectures in **Tokyo**
2009	Jul.	2nd VR Summer Workshop in **Hakone**
2010	Jul.	3rd VR Summer Workshop in **UCSB**
2011	Jul.	4th VR Summer Workshop in **Pisa, Italy**
2014	Jul.	5th VR Summer Workshop in **Hawaii** (6th VR Symp)
2015	Jul.	6th VR Summer Workshop in **Greece**
2016	Jul.	7th VR Summer Workshop in **Osaka**
2017	Jul.	8th VR Summer Workshop at **MIT**
2018	Jul.	9th VR Summer Workshop at **VUW, NZ**
2019	Jul.	10th VR Summer Workshop in **Paris, France**
2020	Jul.	11th VR Summer Workshop, **REMOTE**
2021	Jul.	12th VR Summer Workshop, **REMOTE**
2022	Jul.	13th VR Summer Workshop, Hybrid (+**Tokyo**)
2023	Jul.	14th VR Summer Workshop in **Netherlands**
2024	Jul.	15th VR Summer Workshop at **MIT ILP**
2025	**Jul.**	**16th VR Summer Workshop in Rome, Italy**

2007 Nov.	1st VR International Symposium
2008 Nov.	2nd VR International Symposium
2009 Nov.	3rd VR International Symposium
2010 Nov.	4th VR International Symposium
2011 Nov.	5th VR International Symposium
2014 Nov.	7th VR International Symposium
2015 Nov.	8th VR International Symposium
2016 Nov.	9th VR International Symposium
2017 Nov.	10th VR International Symposium
2018 Nov.	11th VR International Symposium
2019 Nov.	12th VR International Symposium
2020 Nov.	13th VR International Symposium
2021 Nov.	14th VR International Symposium
2022 Nov.	15th VR International Symposium
2023 Nov.	16th VR International Symposium
2024 Nov.	17th VR International Symposium
2025 Nov.	**18th VR International Symposium**

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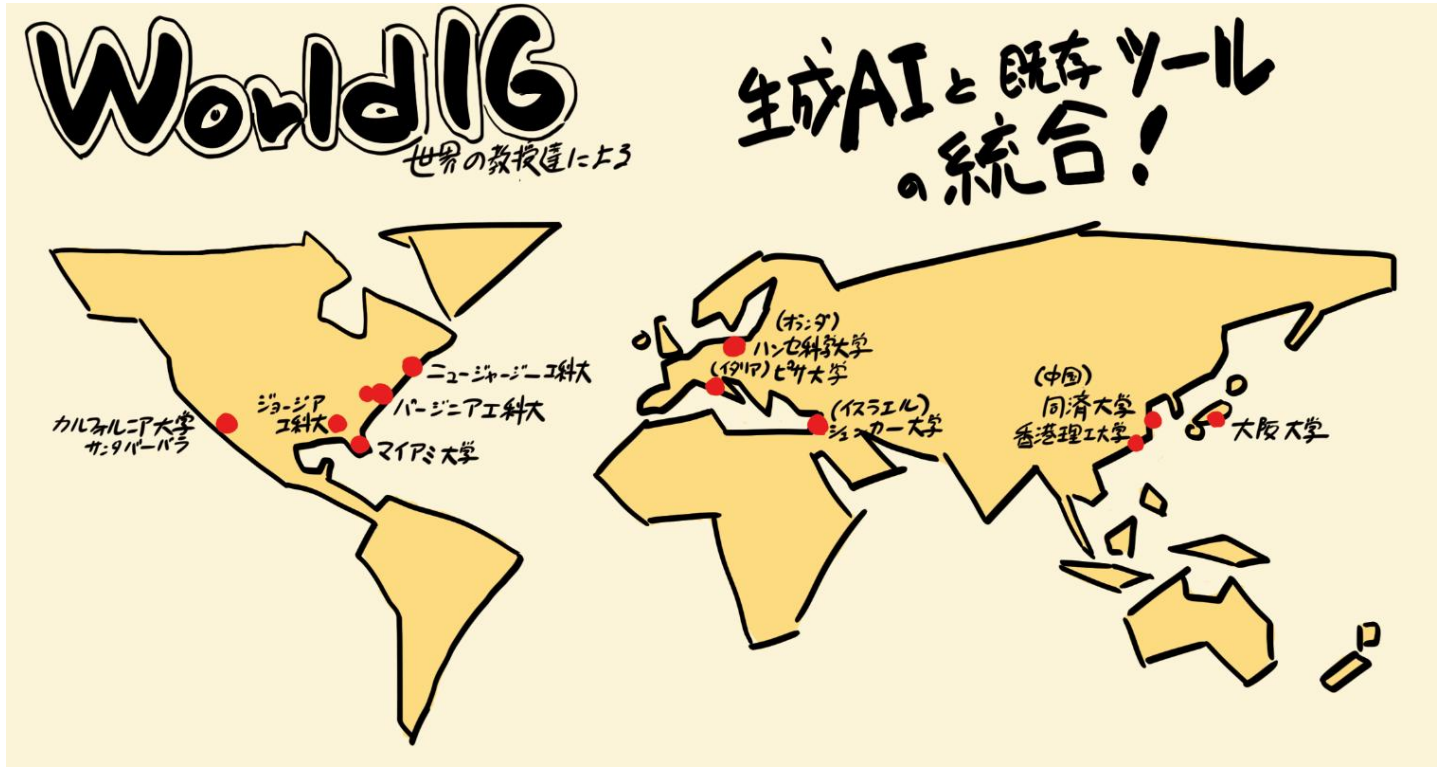
18th International VR Symposium



2014: Projection Mapping JAM
2015: 3D Data JAM (Drone, Laser, Thermal Data)
2016: Video Tutorial JAM
2017: Hackathon on UC-win/Road
2018: PechaKucka Night
2019: Hackathon on UC-win/Road-2
2020: Remote Workshop for future VR
2021: Remote Workshop for future VR-2
2022: Cloud and AI workshop
2023: F8VPS and Generative AI
2024: Metaverse and Digital Twin Applications
2025: Integration of AI with F8 Products

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16th Summer Workshop in Rome
『第 16 回 サマーワークショップ』レポート
2025.7.15-18 ローマ
アリゾナ州立大学 小林 佳弘
world16

「World16　サマー・ワークショップ　レビュー」

この夏イタリア、ローマ・サピエンツァ大学で開催されたワークショップにおいて、World16の研究者たちが提案したプロジェクトの紹介およびレビューを行います。本年度は、急速に進化を遂げる最新AI技術と既存の３Dツールをどのように連携していくかをテーマにしています。実際にフォーラムエイトの複数のソフトをAI（LLMとプロンプト）で同時に動かすためのMCP技術や、次世代型デジタルツインのための実装・開発の様子を将来展望を含めて解説します。

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各プロジェクトの紹介

Tokyo 2025

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A.I. Generated Circular Constructions
For a more sustainable world

Prof. Amar Bennadji, Hanze University, The Netherlands

Hanze

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Interaction with AI agent in F8VPS for the purpose of interior design

Dr. Rebeka Vital
SHENKAR - Design. Engineering. Arts
ISRAEL

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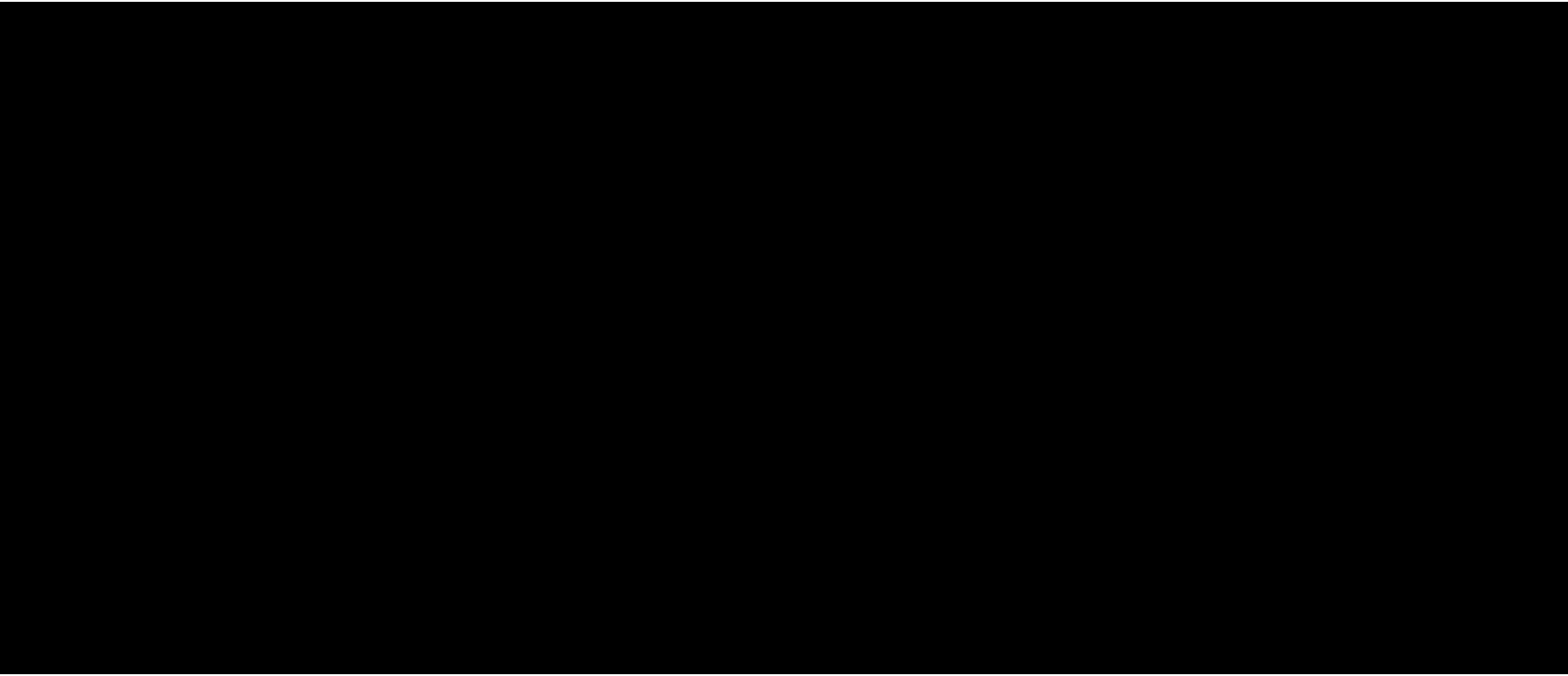
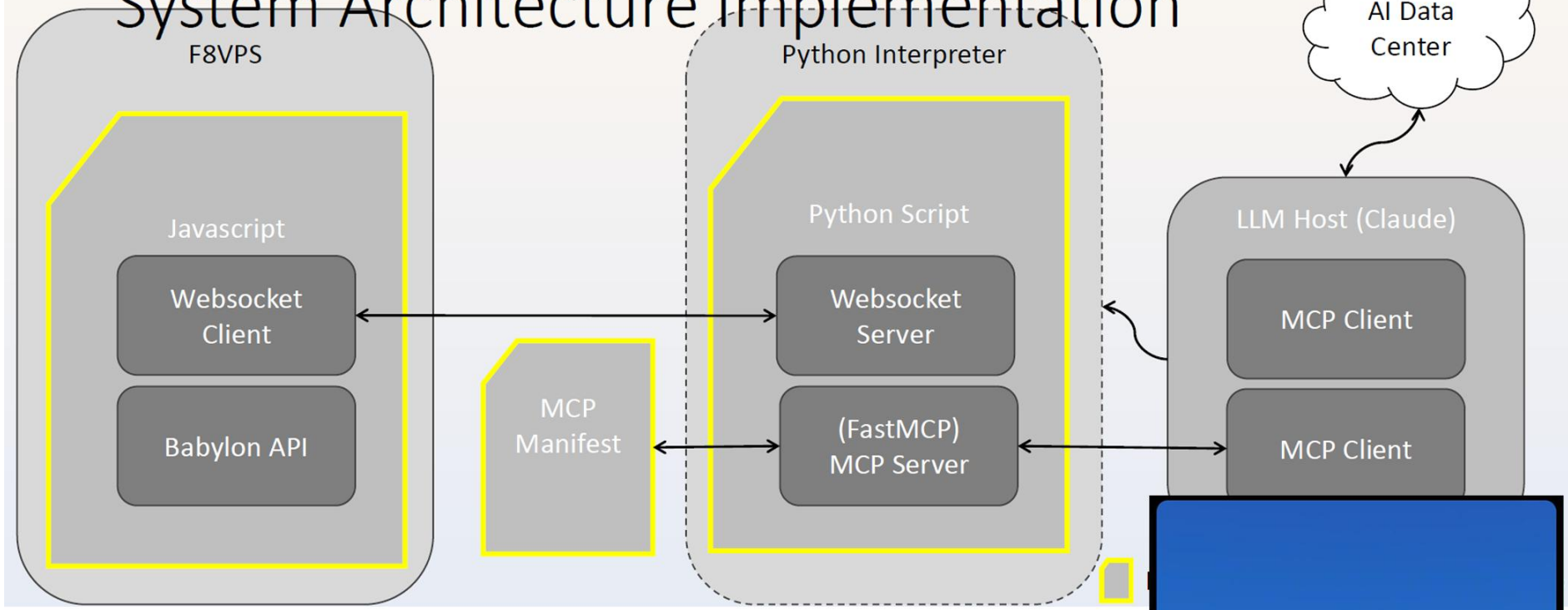


Adding Media/PDF to F8VPS

Dongsoo Choi, 2025-07-19

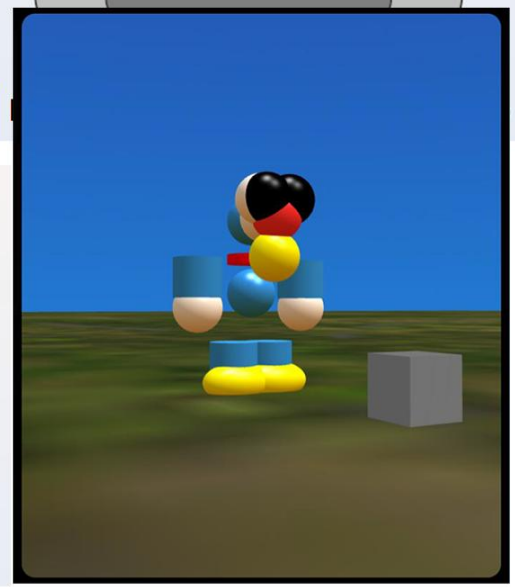
F8VPS Backdoor MCP Server
System Architecture Implementation

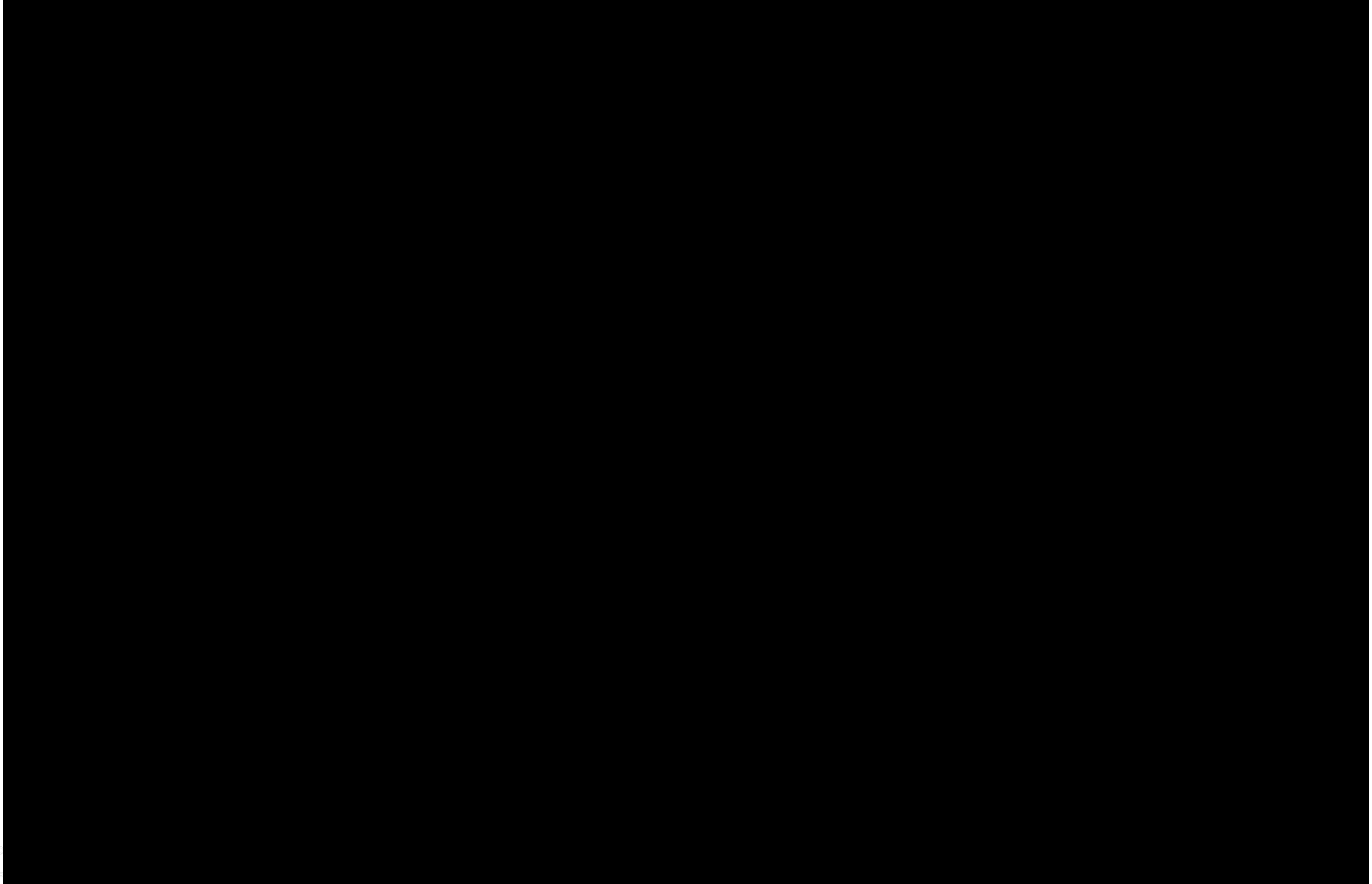


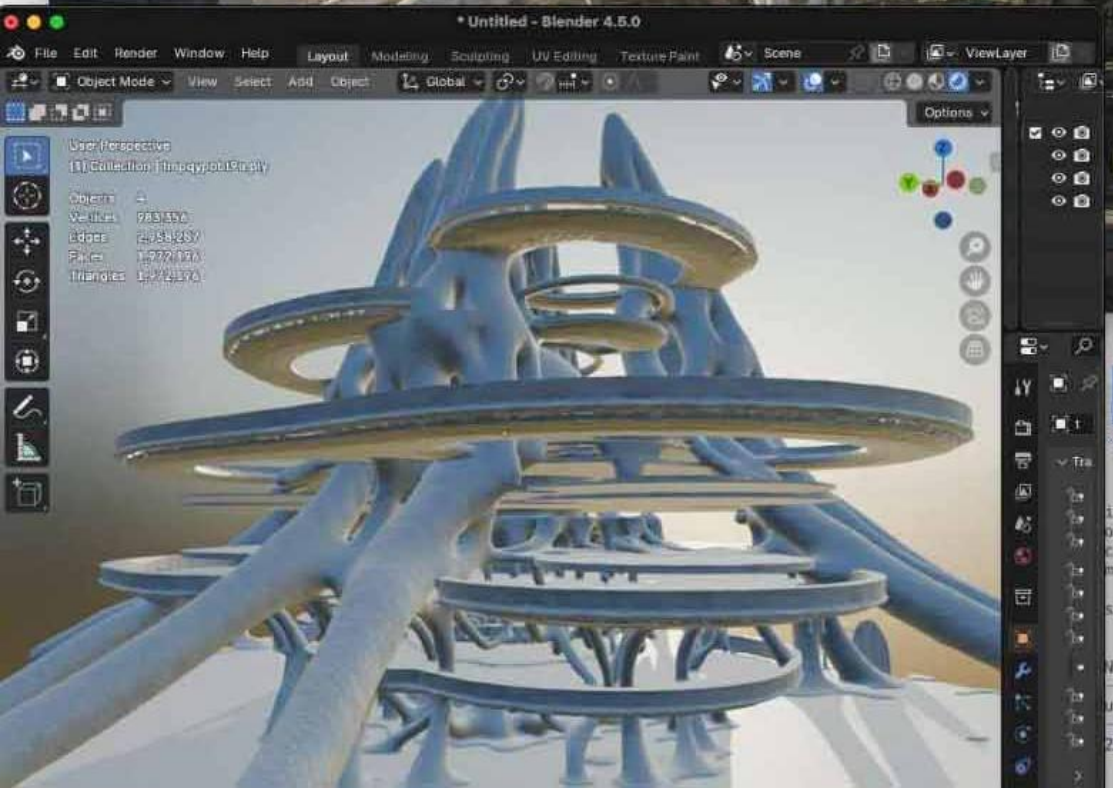

F8VPS Javascript Module


WS MCP Server in Python


MCP Manifest







GEMINI

ing started:
ons, edit files, or run commands.
c for the best results.
more information.

ssful! The new version will be used on your next run.

NI.md file | 4 MCP servers (ctrl+t to view)

ur message or @path/to/file

25/AI_CLI/AI_CLI_Curso no sandbox (see /docs) gemini-2.5-pro (100% context left)

setup:

📊 Server Configuration Summary

You have **12 MCP servers** configured in your shared configuration file:

🔧 Custom/Internal Servers (4 servers)

Server	Location	Tools	Pu
shiftr	`/Users/marcos/.mcp/servers/shiftr/server_cloud.py`	4 tools	MC cl
shiftr (simple)	`/Users/marcos/.mcp/servers/shiftr/server_simple.py`	5 tools	Si
shiftr (full)	`/Users/marcos/.mcp/servers/shiftr/server.py`	7 tools	Fu ca
comfyui	`/Users/marcos/.mcp/servers/comfyui/server.py`	1 tool	AI AP

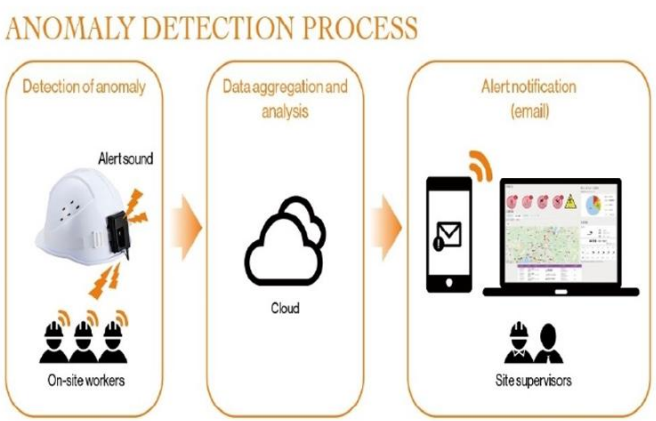
🌐 External/Standard MCP Servers (8 servers)

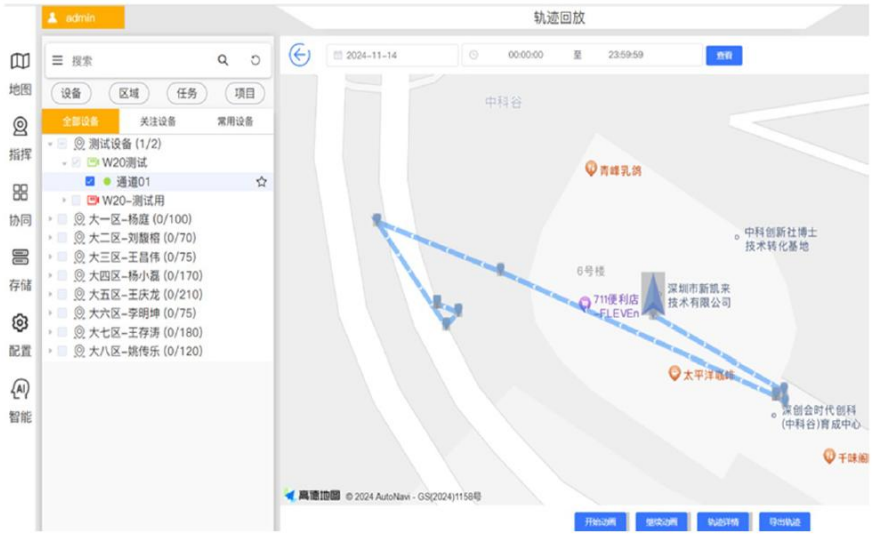
Server	Command	Estimated Tools
wolfram	Wolfram Engine	~15-20 tools
blender	`uvx blender-mcp`	~10-15 tools
touchdesigner	Node.js server	~8-12 tools
maxmsp	Python server	~5-10 tools
jupyter	`jupyter mcp server`	~6-8 tools
github	`npx @modelcontextprotocol/server-github`	~20-25 tools
figma	`figma-mcp`	~8-12 tools
ref-tools	`ref-tools-mcp`	~3-5 tools
puppeteer	`mcp-server-puppeteer`	~6-8 tools
context7	`context7-mcp`	~4-6 tools
supercollider	Node.js wrapper	~8-12 tools

1 Tab

Smart Hat:

Movement Tracking / Simulation:





今後の展望とまとめ

- 生成AIの建築・都市分野でのアイディアを紹介
- 生成AI単体での利用よりもむしろ既存のツールをAIで動かせることが示せた
- 実用レベルまでには、もう少しの試行錯誤が昼用
- MCPサーバー技術と複数のソフトの連携が今後の課題

質疑・応答

Thank you.