



4D User Group

June 10, 2026



Meeting #86

Agenda



1. About 4DMethod
2. Upcoming user group presentations
3. Happy Hour Review - Kirk Brooks
4. 4D News - Jim Sobczak
5. 4D Blog Highlights
6. Developments in AI - Greg Loya
7. Of Note in the Knowledge Base - Add Komoncharoensiri
8. Special topic: Taking AI Kit off the Grid – How to build your own private semantic search engine – Keisuke Miyako

Welcome



Brent Raymond



4D User Group

4dmethod.com

4dmethod@gmail.com



The Global Online 4D User Group

- Bring together a scattered community of developers and users
- Share new programming techniques
- See where 4D is deployed in the world
- Find 4D development support
- What can be done with 4D?! Great Ideas!

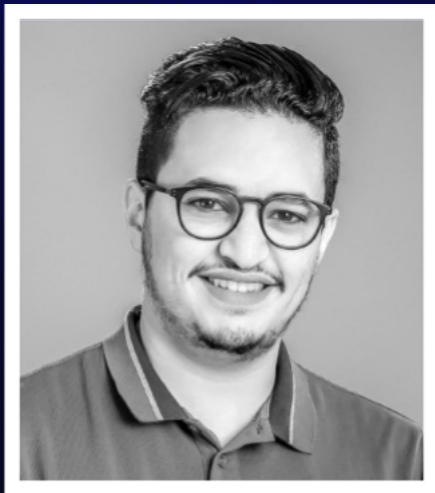
This is Your 4D Support Community!



Be a Presenter



This is your group!
Show off your application, your product,
or just some things you've been working
on.



*July 29 - Using AI and 4D Qodly Pro to
Modernize 4D Desktop Applications –
Ayoub Metwalli

<http://4dmethod.com/schedule/>



What about you?!

2026 open dates:

September 16

November 4

*Or record a short demo to
share on 4DMethod*



<http://4dmethod.com/schedule/>





Happy Hour 4D on Tap



- Kirk Brooks, E4D LLC
- Connect on Zoom Friday afternoons, 2:30 PDT
- Very informal. Not all about 4D, but mostly
- Much screen sharing, first hand look at development
- BYOP (Bring Your Own Problem) you serve the problem and keep all the tips!

4dhappyhour.com



News



Jim Sobczak

VP of Sales & Services
OEM Manager

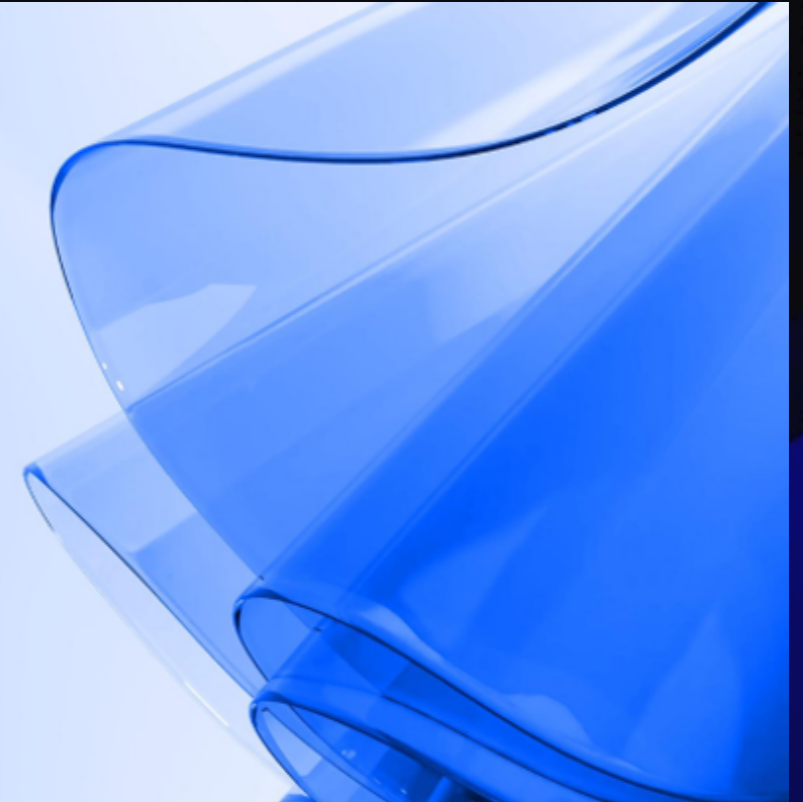
jsobczak@4d.com



News



21 R2-R3 BETA
RELEASE WEBINAR



2 English Sessions on June 16th and
June 25th (North America)



4D Blog Highlights

<https://blog.4d.com>

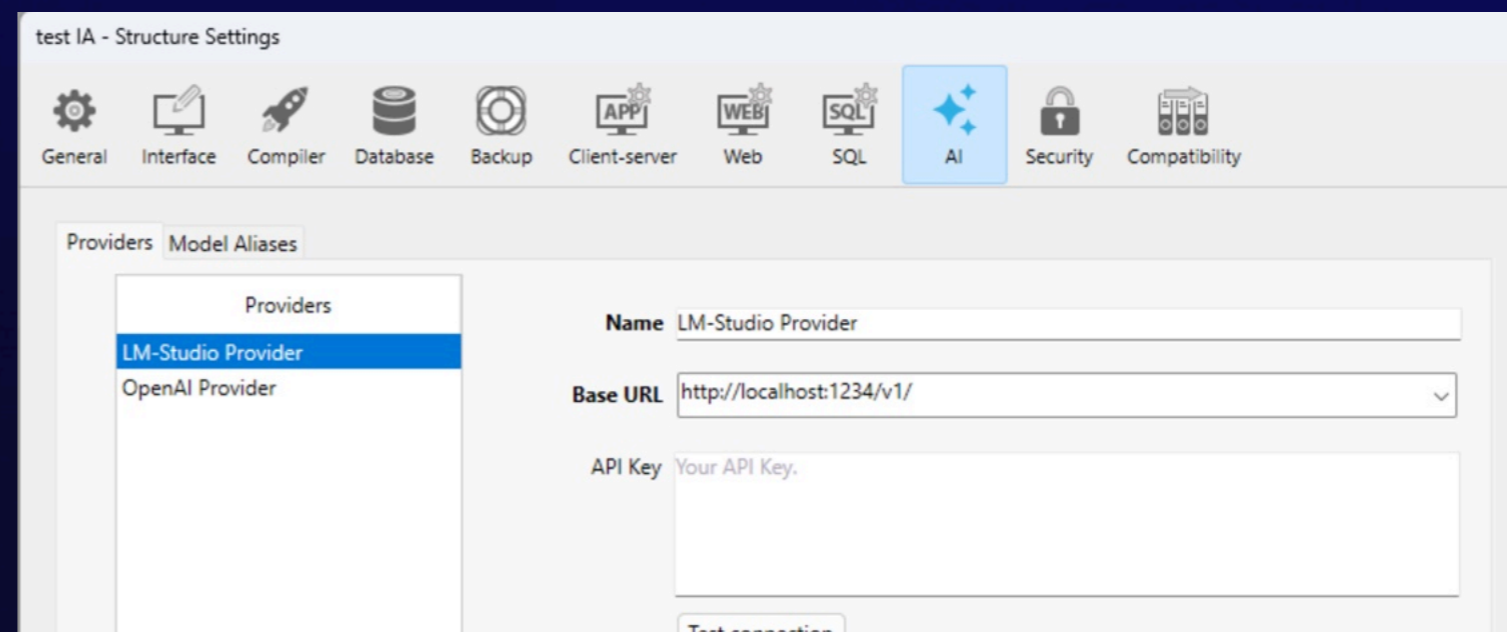


- > Making AI predictable: The key role of JSON schema
- > Centralizing AI Providers information in 4D
- > Forget server-side wrappers, use 4D Sessions from the client
- > Client-server – A new way to execute logic on server
- > Moving Forward: Say Goodbye to Legacy Network Layer

```
shared singleton Class constructor
```

```
// This function is executed on the server  
server Function processActivity() : Object  
return Process activity()
```

```
// This function is executed locally  
Function localProcessActivity() : Object  
return Process activity()
```



Developments in AI

Shifting Landscapes and Human Decision-Making
in the Age of Intelligence



Greg Loya

MCP vs WebMCP

	MCP	WebMCP
Purpose	Makes data and actions available to agents anywhere, anytime.	Makes a live website ready for instant interaction with agents when a user visits the site.
Lifecycle	Persistent (server and daemon)	Ephemeral (tab-bound)
Connectivity	Global (desktop, mobile, cloud, web)	Environment-specific (browser agents)
UI interaction	Headless and external	Browser-integrated and DOM-aware
Discovery	Agent-specific registration flows	Tools registered on the web page during the user's visit.
Use case	Performs background API actions.	Navigates and actuates on a live web UI.

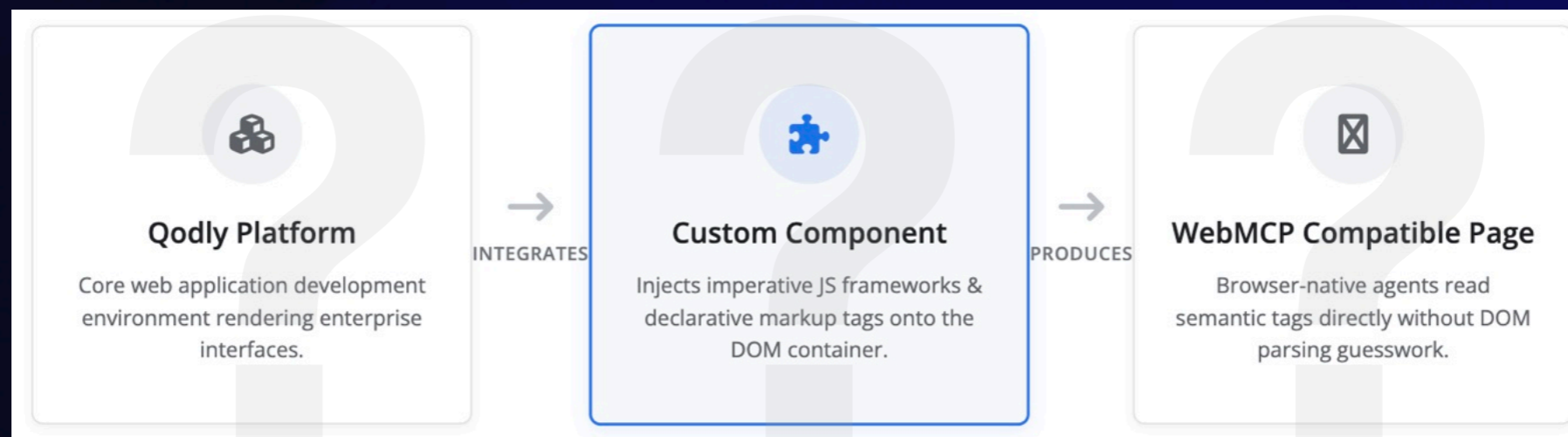
The “Why?”

Context	WebMCP Capability
Data Ingestion	Take this PDF (dropped into sidebar) and fill out form (inject values into fields)
Session Actions	Deploy from my logged-in AWS/GitHub tab
Batch Processing	Repetitive actions: “Mark these 50 invoices paid”

- **User-moderated execution of automation (trust, consent)**
- **By-pass authentication obstacles**

Declarative Example

```
<form toolname="subscribe_newsletter"
      tooldescription="Subscribe an email
address to the newsletter">
  <input name="email" type="email"
        toolparamdescription="Email address
to subscribe" />
  <button type="submit">Subscribe</button>
</form>
```



Of Note in the Knowledge Base

Add Komoncharoensiri

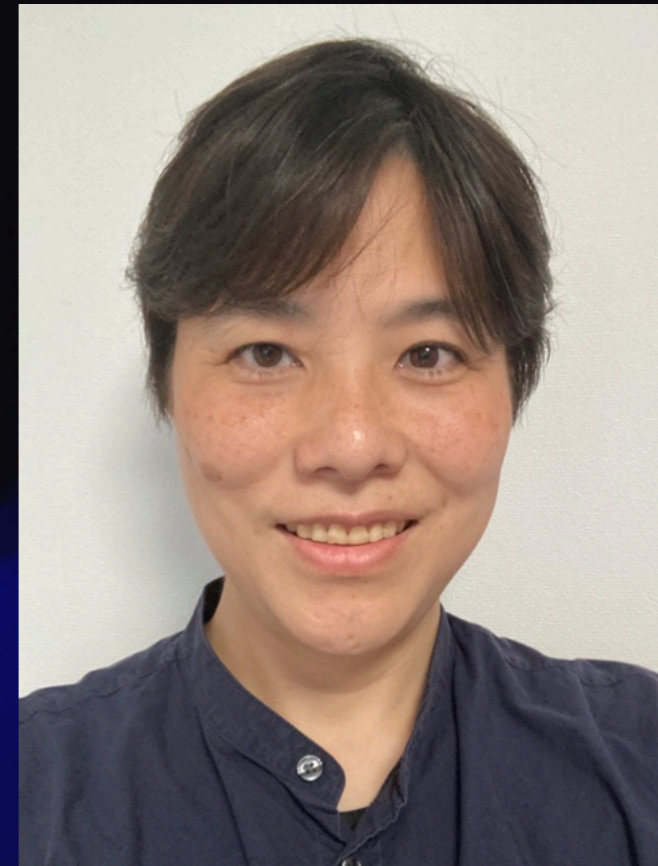


- Sentinel: A Multi-Layer Web Security Architecture Using HTTP Request Handlers and HTTP Rules
- Anouar Moustarih
<https://kb.4d.com/assetid=79957>



Taking AI Kit off the Grid

How to build your own private semantic search engine



Keisuke Miyako (宮古啓介)

Technical Service Manager

<https://github.com/miyako>



Taking AI Kit off the Grid

How to build your own private semantic search engine



Keisuke Miyako (宮古啓介)

Technical Service Manager

<https://github.com/miyako>



ご質問はございますか？



Wrap Up

Other questions?

Discussion

Feedback is appreciated



<https://www.patreon.com/4dmethod>