



# 4D User Group

May 1, 2024



Meeting #71

# 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. Of Note in the Knowledge Base
7. Special topic: Master Action Building with GitHub – Milan Adamov

# Welcome



## Brent Raymond



4D User Group

[4dmethod.com](http://4dmethod.com)

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## 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.

\*June 26 - 4D Info Report Component

Thomas Schlumberger

\*August 14 - Full database structure insight through the lens of a single method - Bruno Raeymaekers



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



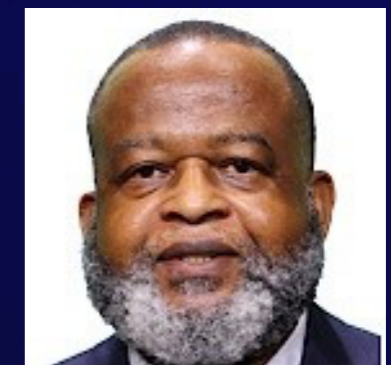
# Be a Presenter



This is your group!

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

- \*October 2 - Automating 4D deployments using Gitlab CI/CD Pipelines – James Scott and Jeff Kain



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



# What about you?!

2024 open dates:  
November 20

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



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





# Happy Hour 4D on Tap



- Connect on Zoom Friday afternoons, 3:30 PDT (90 min - 2 hours + depending on the discussion and interest)
- Very informal, not all about 4D but mostly
- Much screen sharing, first hand look at dev
- BYOP (Bring Your Own Problem) you serve the problem and keep all the tips!

[4dhappyhour.com](http://4dhappyhour.com)





News



Jim Sobczak

VP of Sales & Services  
OEM Manager

[jsobczak@4d.com](mailto:jsobczak@4d.com)



May 16

[https://go.4d.com/ReleaseWebinar4Dv20R4-16052024-1900-NA-Master\\_LPI\\_Registration\\_EN.html](https://go.4d.com/ReleaseWebinar4Dv20R4-16052024-1900-NA-Master_LPI_Registration_EN.html)



# 20 R4 release

- Integrated support to create PDF documents with embedded XML data for electronic invoices in 4D Write Pro
- Support of ECDSA encryption format for TLS certificates.
- Client/server and SQL server TLS connections get auto-generated SSL/TLS certificates.
- Direct HTML format for structure definition exports.
- New Code Live Checker

<https://blog.4d.com/4d-20-r4-is-here/>



# 20 R4 release

- Method parameters declared in #DECLARE prototypes are no longer necessary in "Compiler\_" methods.
- Support of custom date and time formats
- New Try(expression) keyword to handle simple error cases.
- New HTTP Parse message command. (parses multipart data!)
- New Non-blocking printing compatibility option. (each process has its own printing settings)

<https://blog.4d.com/4d-20-r4-is-here/>



# 20 R5 in beta

- New Package manager to handle components through a dependencies.json file.
- Support of Try...Catch...End try error handling structures.
- QUIC network layer now supports broadcasting, SSO, and IPv6.
- Support of restricted entity selections.
- Support of shared classes and singleton classes. New Class properties: isShared, isSingleton, me.
- Support for initializing a class property in its declaration line.
- Visual structure editor information is now stored separately from table definition information to reduce conflicts in the catalog file.

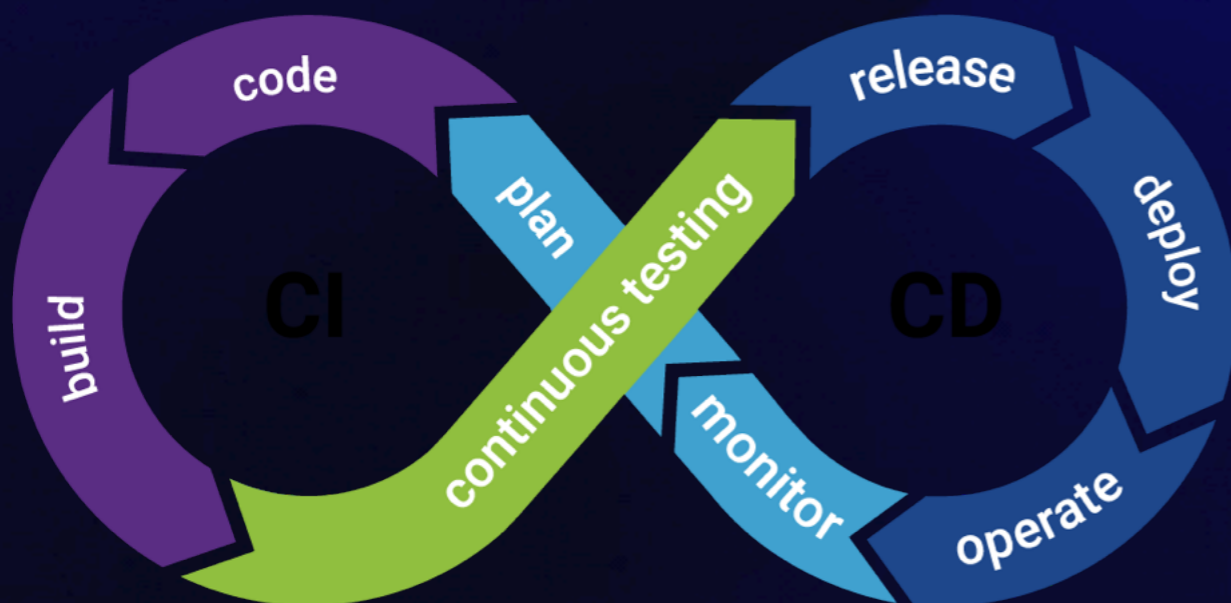
<https://blog.4d.com/4d-20-r5-beta-starts-today/>

# 4D Blog Highlights

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



- > How to Implement Continuous Integration with 4D: A Step-by-Step Guide
- > Tips & Tricks for your 4D Apps – March 2024 Edition

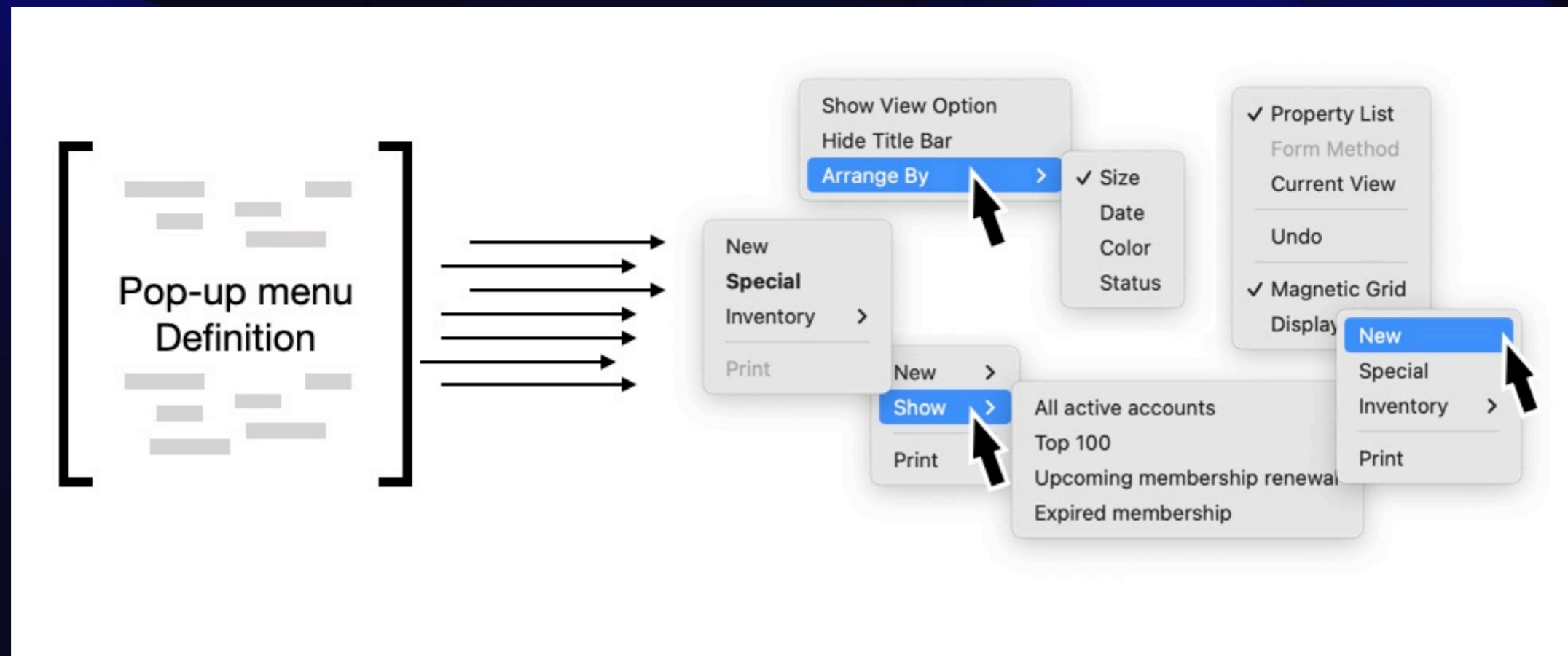


# Of Note in the Knowledge Base

## Add Komoncharoensiri



- Pop-Up Menu Utility - Add Komoncharoensiri  
<https://kb.4d.com/assetid=79402>



# Special Topic: Master Action Building with GitHub



**Milan Adamov**

**Director, Adamov konsultacije d.o.o.**

<https://www.adamov.co.rs/>





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# Wrap Up

Other questions?

Discussion

Feedback is appreciated



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