



4D User Group

June 21, 2023



Meeting #65

Agenda



1. About 4DMethod
2. Upcoming user group presentations
3. Happy Hour Review - Kirk Brooks
4. 4D News - Jim Sobczak
5. 4D v20 - major release soon
6. 4D Blog Highlights
7. Of Note in the Knowledge Base
8. Special topic: How To Design a Rule Engine
Using ORDA and Object Fields – Tiran Behrouz

Welcome



Brent Raymond



4D User Group

4dmethod.com

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4D User Group

- Bring together a scattered community of developers and users
- Provide fresh new content and exposure for users and developers everywhere
- Share new programming techniques
- See where 4D is deployed in the world
- What can be done with 4D! Great Ideas!



Be a Presenter



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



August 2 - ULO (User Listing with ORDA) –
J Douglas Cryer

September 20 - ogDevTools - Tools and Code
Introspection For Developers - Olivier Grimbert



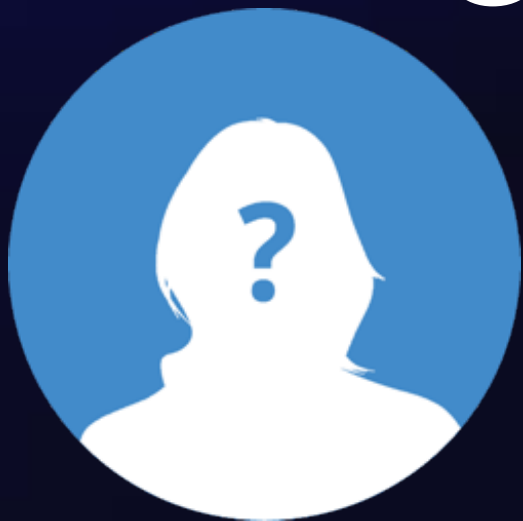
<http://4dmethod.com/schedule/>



What about you?!

2023 open dates:
November 8

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
- Bring a problem and get every opinion on how to handle it... free

4dhappyhour.com



News



Jim Sobczak

VP of Sales & Services
OEM Manager

jsobczak@4d.com



ATLANTA
3-4 OCTOBER
PARIS
17-18 OCTOBER

Keynote, Masterclasses, and meetups

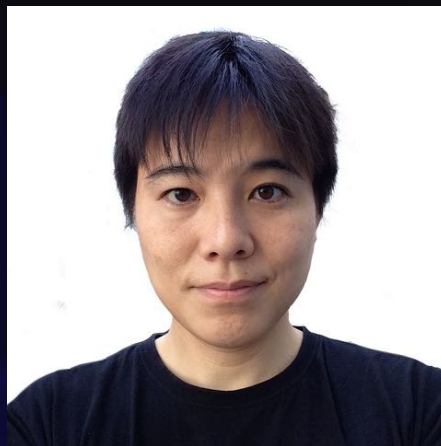


International Masterclass Speakers



ADD KOMONCHAROENSIRI

United States



KEISUKE MIYAKO

Japan



OMAR DEBBAGH

Morocco



BÉRENGÈRE LAGRANGE

France



MARIE-SOPHIE LANDRIEU

France



MATHIEU FERRY

France



OLIVIER DESCHANELS

France



ABDELHAFID EL HOUR

Morocco



ACHIM PESCKE

Germany



KEYNOTES & MASTERCLASSES

Introduction Keynote about 4D mid-term strategy

4D Topics

- ◆ Back-end features

- ◆ ORDA

- ◆ Web features (WebSockets, Scalable Web Sessions, etc.)

- ◆ Desktop features

- ◆ And more...

1. Unlock the Power of .query()
Mastering dataclass searches in your 4D application

2. 4D Write Pro and 4D View Pro meet 4D v20 – the Next Level of Smart Templating

3. Go Places with SystemWorkers!

6. Project Mode and Continuous Integration/Continuous Delivery (CI/CD)

4. Advanced Options for the Application Builder

5. Scale your Web Server

7. “One more Thing” Summit 2023 Session



Venues



Atlanta - Emory Conference
Center Hotel



Paris - The New Cap Event
Center



Party



Atlanta - Emory Silverbell
Pavilion



No summit presentations from the community?

No worries!!

You can always demo to the 4DMethod group



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





v20 Beta

- All the v19 R version features, plus...
- WebSocket Server
- QUIC network layer (Beta) - UDP
- Declared class properties
- Safely compare undefined values with others
- and many more great features!

<https://blog.4d.com/4d-v20-beta-starts-today/>



4D Blog Highlights

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



- > 4D for Mobile Goes Open Source
 - > Is now an optional feature and will no longer be included in the installer
 - > <https://github.com/4d/4D-Mobile-App>
 - > Documentation remains on developer.4d.com
- > Declaring Class Properties (autocomplete + syntax checks, even with component classes)



Of Note in the Knowledge Base

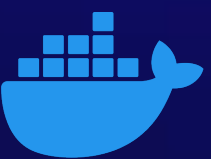
- Programmatic Implementation of Conditional Formatting in 4D View Pro - Shayanna Gatchalian
<https://kb.4d.com/assetid=79197>



	A	B	C	D
	Average Rule	Cell Value Rule	Data Bar Rule	Date Occurring Rule
1				
2		1	1	12/31/2022
3		2	2	3/20/2023
4		3	3	5/1/2023
5		4	4	4/6/1999
6		5	5	9/8/1972
7		6	6	8/6/2023
8		7	7	12/31/2023
9		8	8	10/31/2020
10		9	9	6/1/2005
11		10	10	7/4/2010

With Conditional Formatting

- Manipulating PostgreSQL Data from 4D
- EL BHIOUI Chaima
<https://kb.4d.com/assetid=79196>



docker



Special Topic: How To Design a Rule Engine Using ORDA and Object Fields



Tiran Behrouz

CEO, Clear View Systems Ltd

<https://www.linkedin.com/in/tiranbehrouz/>



Questions?



Wrap Up

Other questions?

Discussion

Feedback is appreciated



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