



4D User Group

August 2, 2023



Meeting #66

Agenda



1. About 4DMethod
2. Upcoming user group presentations
3. Happy Hour Review - Kirk Brooks
4. 4D News - Jim Sobczak
5. 4D v20 release
6. 4D Blog Highlights
7. Of Note in the Knowledge Base
8. Special topic: ULO (User Listing with ORDA) –
J Douglas Cryer

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!



Shoutout to Patreon Supporters

New Mitarbeiter!
Mike Beatty, Objective Systems

New Consiglieri!
J Douglas Cryer, Telekinetix Ltd



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



Be a Presenter



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

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



<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
- 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



4D
SUMMIT
2023

ATLANTA
3-4 OCTOBER

PARIS
17-18 OCTOBER

Keynote, Masterclasses, and meetups



4D SUMMIT 2023

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



4. Advanced Options for the Application Builder



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



5. Scale your Web Server



3. Go Places with SystemWorkers!



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

7. “One more Thing” Summit 2023 Session



<https://summit.4d.com/en/atlanta/masterclasses>



No summit presentations from the
community?

No worries!!

You can always demo to the
4DMethod group



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





v20 LTS release

- 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://us.4d.com/new-4d-v20lts>

4D Blog Highlights

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



- > Websocket Client
- > Create a standalone application with the Build4D component
- > Fortifying Security: 4D Embraces OpenSSL 3.1
- > 4D Netkit: Enhancement of OAuth2 Authorization
 - > cs.NetKit.OAuth2Provider
- > Send email with the Gmail API (cs.NetKit.Google)



```
// Email sending
$status := $google.mail.send($email)
```

OpenSSL
Cryptography and SSL/TLS Toolkit

Of Note in the Knowledge Base

Add Komoncharoensiri



- Introduction to WebSocket - Nhat Do
<https://kb.4d.com/assetid=79243>



- Handling Errors in 4D
- Tai Bui
<https://kb.4d.com/assetid=79244>



Special Topic: ULO (User Listing with ORDA)



J Douglas Cryer

Director, Telekinetix Limited

www.telekinetix.com



Questions?



Wrap Up

Other questions?

Discussion

Feedback is appreciated



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