



4D & Wakanda User Group

January 17, 2018



Agenda

1. About 4DMethod
2. 4D News, Jim Sobczak, Brian Young
3. Wakanda News, Ricardo Mello
4. The 4D iNUG E-Digest, Ed Hammond
5. What's to know in the Knowledgebase?
6. Special topic: 4D Web Access and Angular2 Components, Julio Carneiro
7. General Q & A
8. Next Meeting - March 7, 2018

Welcome



Brent Raymond

4DMethod 4D & Wakanda User Group

4dmethod.com

4dmethod@gmail.com

4DMethod

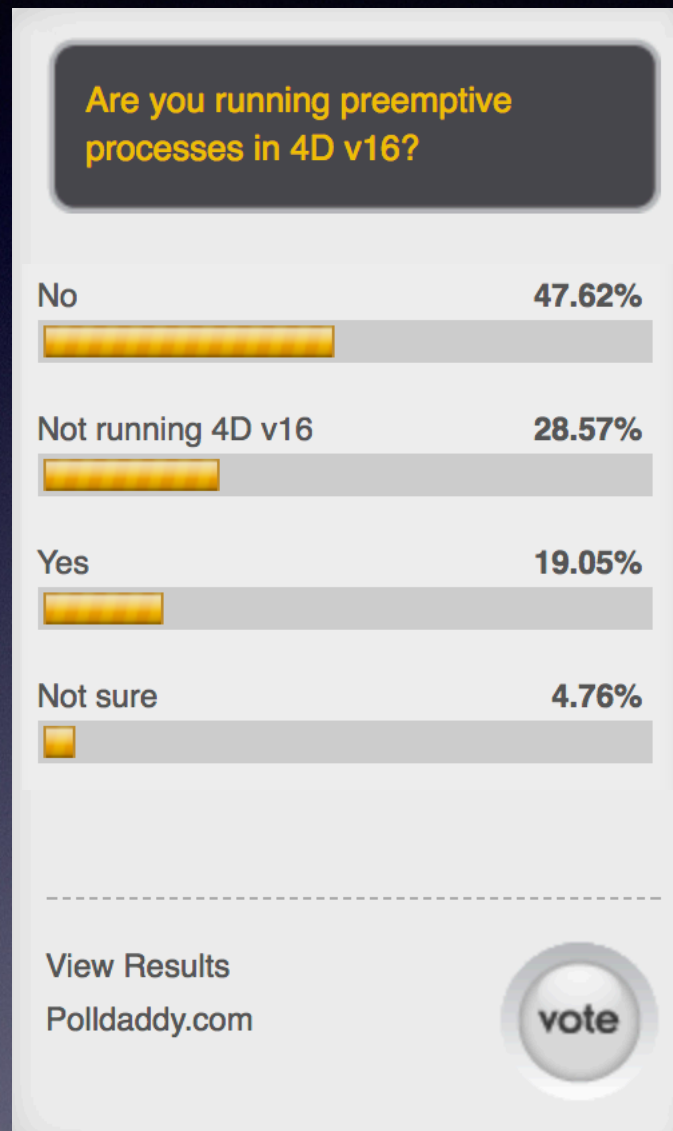
4D & Wakanda User Group

- Bring together a scattered community of developers and users
- Stream meetings via YouTube Live to allow people to participate from anywhere
- Record meetings and presentations to be viewed again or shared with others
- Provide fresh new content and exposure for users and developers everywhere

4DMethod News



4DMethod News



Execution mode: ☒ Can be run in preemptive processes

...take full advantage of multi-core computers so that their execution will be faster and they can support more connected users.

Asynchronous approach offers tremendous speed boost by handing off work to job queues made fantastically easy.

4DMethod Matters



ART
INSTITUTE
CHICAGO



...to provide unshakeable spaces where the principles of inclusiveness and diversity may be taken for granted, where there's no question that cultural exchange and understanding are crucial to how we relate and contribute to our local and global communities, where we can reflect on who we are and imagine who we want to be.



THE ART NEWSPAPER

4D News



Jim Sobczak

VP of Sales & Services,
4D, Inc.
OEM Manager

jsobczak@4d.com



Brian Young

Technical Marketing
Manager

byoung@4d.com



- April 3, Keynote, Master class, technical sessions
- April 4, Keynote, technical sessions, 4D Summit Party
- April 5, Advanced training

<https://events.4d.com/summit/us/washington/>



- 4D Mobile in Enterprise - Gary Pedretty
- Playing Doctor: Using Vital Statistics to Assess your Application's Health - Dani Beaubien
- MVC, Auto Binding, and Auto Layout - Cannon Smith
- Making Client/Server Workers Work - CALL WORKER and CALL FORM in the Real World - John Baughman
- Custom Document Building with 4D Write Pro - Pat Bensky
- Design and Run a Scalable 4D Cloud Application in AWS - Balinder Singh Walia
- Hidden Secrets of Subforms, Inherited Forms and Form Controllers - Kirk Brooks

<https://events.4d.com/summit/us/washington/>



- New features focused on:
 - Security (TLS v1.2, <SHA-512, Generate/Verify password hash)
- 20+ new commands for preemptive processes
- JSON pointers
- Form command
- 4D Write Pro improvements
- WEB Get server info/ Get process activity

<https://blog.4d.com/en-whats-new-in-4d-v16-r5/>

Wakanda News



Ricardo Mello

Chief Commercial Officer

Wakanda.io

ricardo.mello@wakanda.io

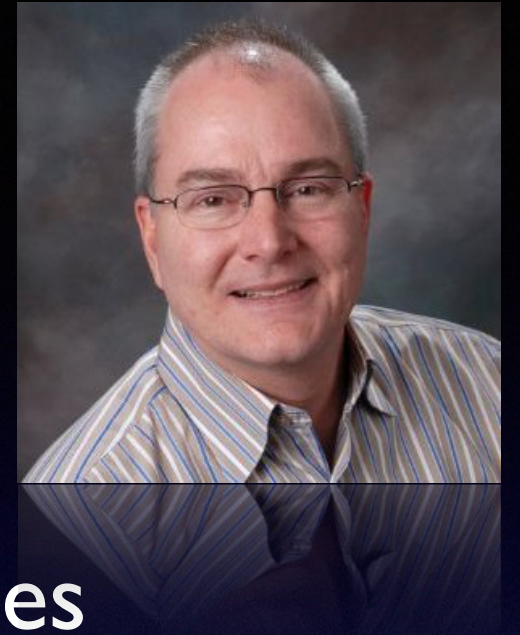
[https://www.linkedin.com/in/
ricardodemello](https://www.linkedin.com/in/ricardodemello)



wakanda

The 4D iNUG E-Digest

Ed Hammond

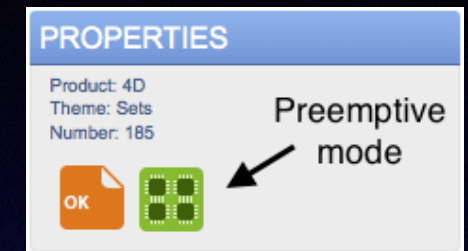


- Wide breadth of topics and 4D tech issues
- Take advantage of a wealth of 4D experience and knowledge
- Check out <http://4dmethod.com/e-digests/> for a list of recent topics being discussed in the iNUG
- To register:
<http://lists.4d.com/mailman/listinfo>
- All discussion accessible online at:
<http://4d.1045681.n5.nabble.com>

What's to know in the Knowledgebase?

- How to use the web preemptive processes

<http://kb.4d.com/assetid=77892>



- Verify password hash can be interpreted many ways

<http://kb.4d.com/assetid=77906>

```
C_TEXT($password)
C_TEXT($hash)
C_OBJECT($options)

$options:=New object("algorithm";"bcrypt";"cost";4)
$password:=Request("Please enter your password")

$hash:=Generate password hash($password;$options)
```

- Displaying Youtube Videos with Web Areas

<http://kb.4d.com/assetid=77906>

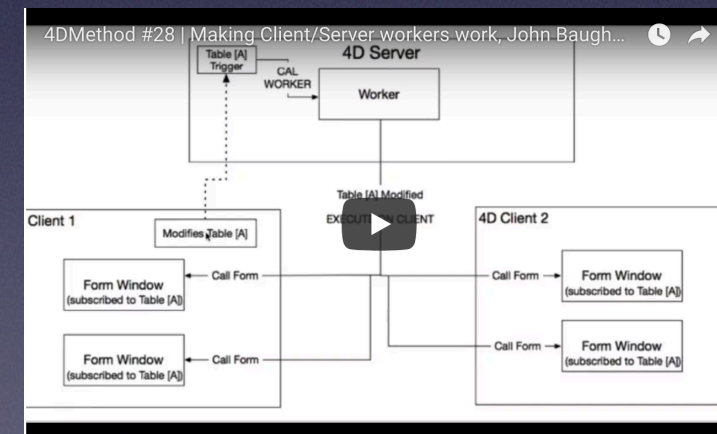
- Quickly find which tables are not being logged to the journal file

<http://kb.4d.com/assetid=77920>

- Using JSON Pointers

<http://kb.4d.com/assetid=77924>

```
{
  "object": {
    "attribute1":1,
    "attribute2":2
  },
  "pointerObj": {
    "$ref": "#/object"
  }
}
```



Special Topic: 4D Web Access and Angular2 Components

Julio Carneiro
Pascal Information Technology

<http://www.4ctv.com/>
<https://github.com/fourctv>



Questions?



Next Meeting



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

Next Meeting

Wednesday, March 7, 2018, 6:00 PM, CST (UTC-6:00)
Fintech Application Platform by IP Ventures, Steve Brown

Wednesday, April 25, 2018, 12:00 noon, CST (UTC-5:00)
Leveraging 4D with a Xojo Web app front end, John Baughman

Calling for speakers who would like to demo some of their work or applications. Open dates include:

June 13, 2018

Wrap Up

Other questions?

Discussion

Feedback is appreciated



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