4D method

4D User Group

September 25, 2019





Agenda

- I. About 4DMethod
- 2. 4D News, Jim Sobczak, Ricardo Mello
- 3. The 4D iNUG E-Digest, Ed Hammond
- 4. What the Blog?
- 5. Special topic: Lights, Camera, Actions! with 4D for iOS, Will Taylor
- 6. General Q & A
- 7. Next meeting September 4, 2019

Welcome



Brent Raymond

4D method

4D User Group

4dmethod.com

4dmethod@gmail.com

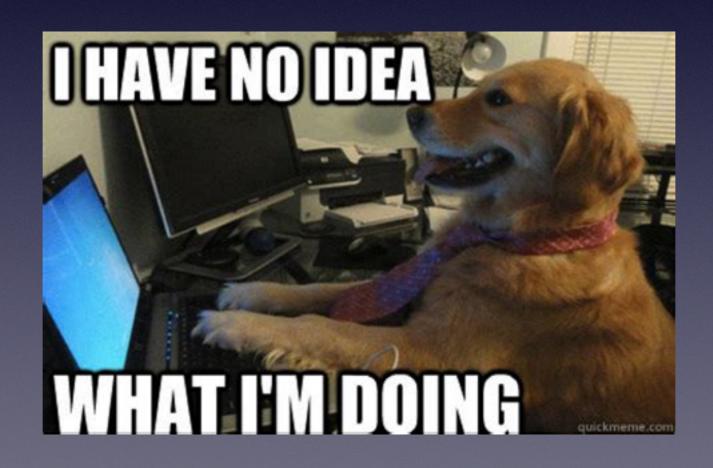
4D method

4D User Group

- Bring together a scattered community of developers and users
- Use video conferencing for meetings 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

4D method

20 C



4D method Shout Out

Mitarbeiter - Mike Beatty



Support us on Oatroon

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





Jim Sobczak

VP of Sales & Services
OEM Manager

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Ricardo Mello

VP of Inside Sales and Marketing ricardo.mello@wakanda.io







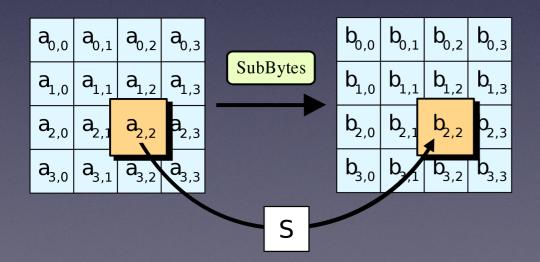
Loew's Hotel, Chicago

Tuesday 3/31/20 - Thursday 4/2/20



- Built-in encryption at the table level
- Advanced Encryption Standard
- Approved by the National Security Agency (NSA) for top secret information

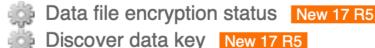




See **Encrypting data** section in the *4D Design Reference* for information about data file encryption in 4D.

Two encryption methods are provided in ORDA's datastore object:

- 🛟 ds.provideDataKey()
- 🛟 ds.encryptionStatus()



Encrypt data file New 17 R5

New data key New 17 R5

Register data key New 17 R5





- Table Encryption will not encrypt fields stored 'Outside the data file'
 - Objects
 - Text
 - Pictures
 - Blobs
- Not (currently) stated in documentation
- Best to store in data file, not in record









- Object fields via ODBC
- Optimized performance in client/server
- Processor usage is fully optimized in simultaneous read/write accesses
- 4 to 8xs faster performance

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:

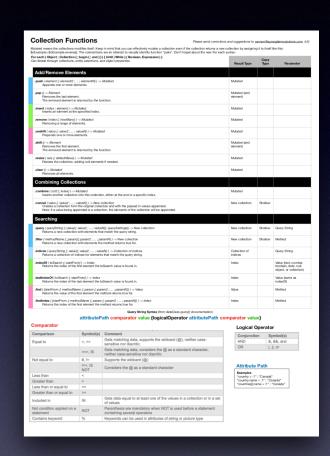
 http://lists.4d.com/mailman/listinfo
- All discussion accessible online at: http://4d.1045681.n5.nabble.com



What the Blog???



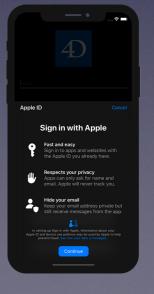
- 4D for iOS:What you need to know about iOS 13
- An ORDA Cheat Sheet Cannon Smith
- Optimize your ORDA code with requests logging
- Order an entity selection with this new ORDA method
- More sophisticated ORDA queries with formulas



```
ds.startRequestLog(10) // Only the last 10 requests will be kept in memory
$first:=ds.Persons.all().first()
$e:=ds.Persons.query("name=:1";"Brown")
$log:=ds.getRequestLog()
ALERT("The longest request lasted: "+String($log.max("duration"))+" ms")
ds.stopRequestLog()
```









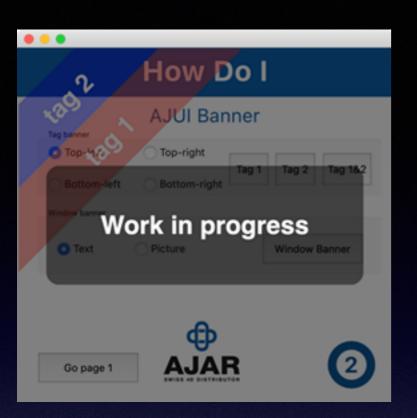
Special Topic: AJ Suite of Components, Gabriel Inzirillo

Gabriel Inzirillo Software Developer AJAR SA

https://ch-fr.4d.com/aj-suite https://www.linkedin.com/in/gabriel-inzirillo-173306105/ www.my4dexperience.com



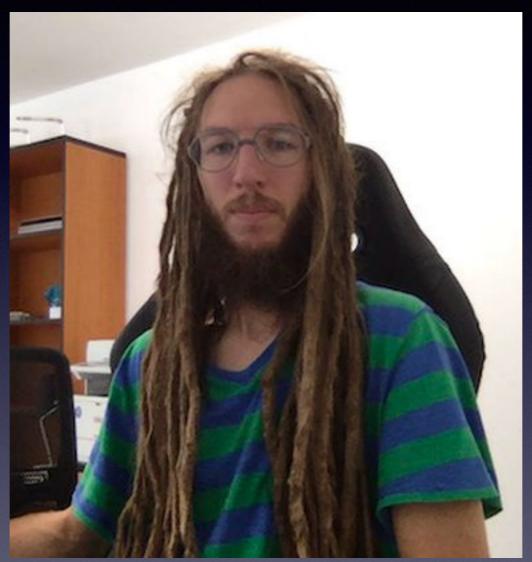




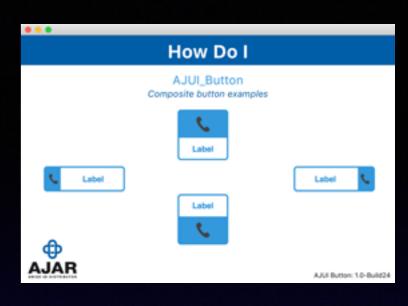




Questions?



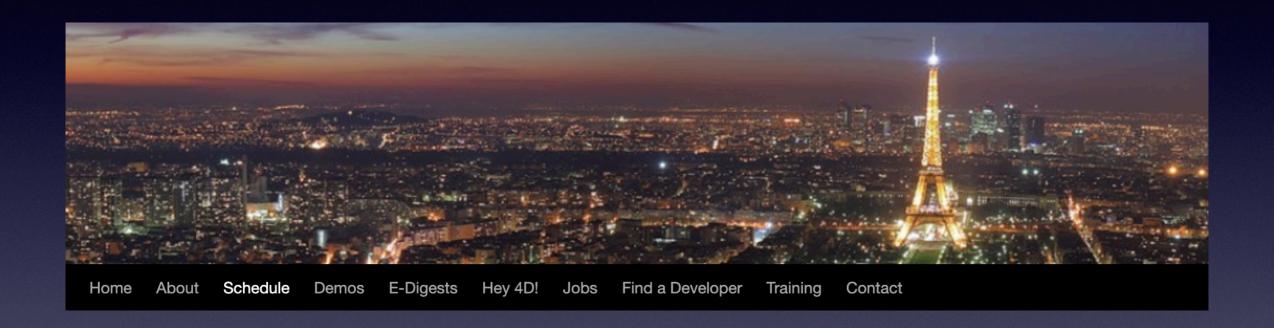
AJ Sweet







Next Meeting



http://4dmethod.com/schedule/

Next Meeting

Wednesday, November 6, 2019 Art Institute of Chicago Data Hub Public API, Nikhil Trivedi & Illya Moskvin

Calling for speakers who would like to demo some of their work or applications.

Open dates include:

• 2020... dates to come

Wrap Up

Other questions?

Discussion

Feedback is appreciated

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