



4D & Wakanda User Group

August 8, 2018



Agenda

1. About 4DMethod
2. 4D News, Jim Sobczak, Donna Gallis
3. Wakanda News, Xiang Liu
4. The 4D iNUG E-Digest, Ed Hammond
5. What the Blog?
6. What's to know in the Knowledgebase?
7. Special topic: Configuration management for IT infrastructure using 4D, Balinder Walia
8. General Q & A
9. Next Meeting - September 26, 2018

Welcome



Brent Raymond



4D & Wakanda User Group

4dmethod.com

4dmethod@gmail.com



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



<https://4dmethod.com/2018/06/08/june-27th-meeting-list-box-going-in-a-new-dimension-with-orda-thomas-maul/>

<https://github.com/4dmethod>

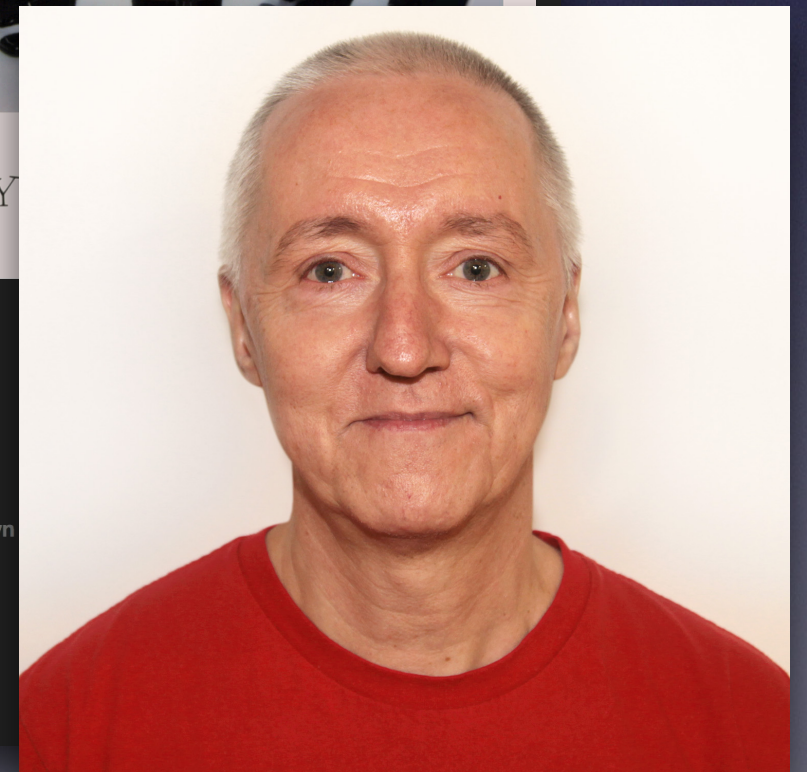


4DMethod News

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3 ms Artist, Album, Title...

- Brésil/Portugal - Celtique - Chanson francophone - Classique - Divers - Jazz - Musique de film - New age - Pop/Rock - Rock - World	- Agnès Bihl - Ahmad Jamal - Air - Al Compas Del Criollismo - Al Di Meola - Al di Meola / J.../ Paco de Lucia - Al Jarreau - Alain Bashung - Alain Caron / Le Band - Alain Chamfort - Alain Goraguer - Alain Souchon - Alan Stivell - Albert William Ketèlbey - Albin de la Simone - Aldebert	- Fred Karato - Freddie Mercury - Frédéric Chopin - Frédéric Fromet - Frederik Mey - Funki Porcini - Gabriel Fauré - Gabriel Merlino - Gabriel Pierné - Gaetano Donizetti - Gaspard Le Roux - Gavin Bryars - Gene Ammons & Sonny Stitt - Geneviève Paris - Geoffrey Oryema - Georg Boehm	- Michel Fugain - Michel Jonasz - Michel Lambert - Michel Leeb - Michel Legrand - Michel Petrucciani - Michel Polnareff - Michel Portal - Michele Bernard - Mickey 3d - Mike Oldfield - Miles Davis - Miles Davis & Michael Legrand - Miller Bigband Orchestra - Milt Jackson - Milton Nascimento
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Jim Sobczak

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

jsobczak@4d.com



Donna Gallis

Field Marketing Manager

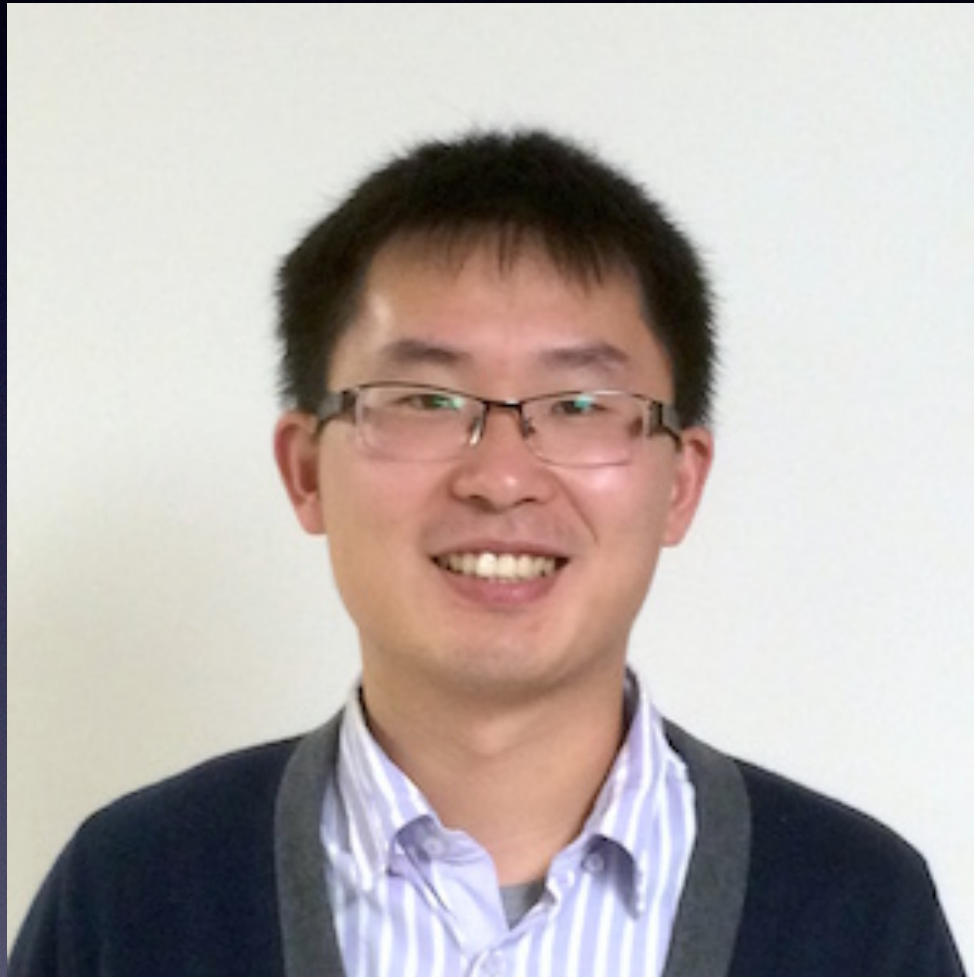
dgallis@4D.com





- v17 Released
 - ORDA
 - 4D Write Pro: continuous rollout of features
 - 4D language updates
 - Security
- v17 R2 already in beta

Wakanda News



Xiang Liu

Technical Service Engineer

Mobile web app developer

4D Inc

XLiu@4d.com

[https://www.linkedin.com/in/
xiang-liu-05683232](https://www.linkedin.com/in/xiang-liu-05683232)



wakanda

Wakanda News

Upcoming version release 2.7.0

- Data browser (read only)
- Exception Listener
- Bug fixes



Wakanda News



GENERAL

The Datastore Model

Upcoming posts:

2. Wakanda Terminology
3. Optimistic Locking
4. Model Designer
5. Calculated fields
6. Dataclass Methods
7. Dataclass Events



GENERAL

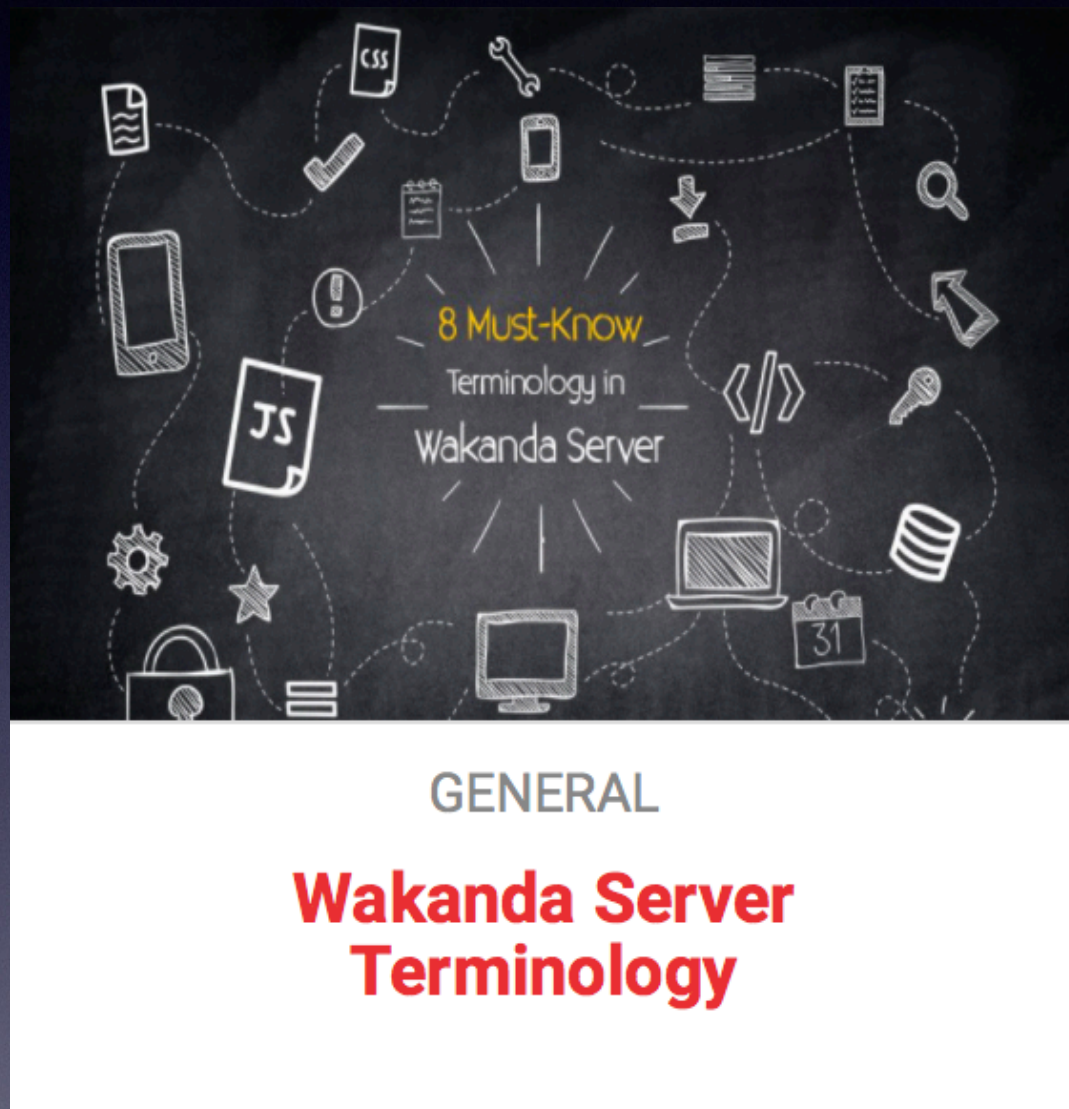
Wakanda Server Terminology

<https://blog.wakanda.io/wakanda-server-terminology/>

Wakanda News

Terminology:

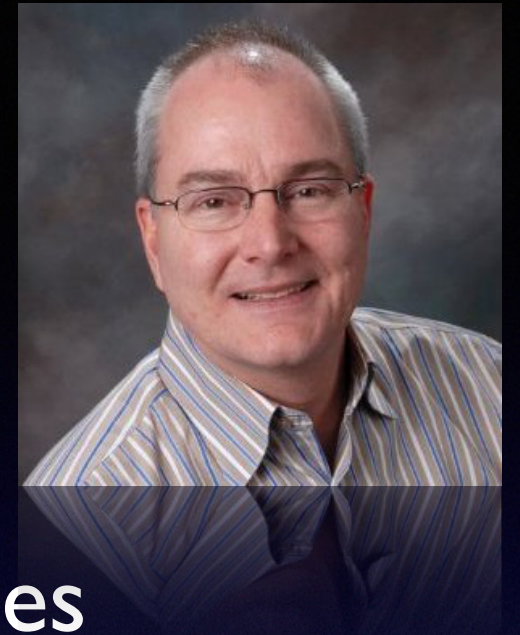
- Solution
- Projects
- Datastore Model
- DataClass - Table
- DataClass - Method
- Entity
- Entity Collection
- Entity Attribute



<https://blog.wakanda.io/wakanda-server-terminology/>

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???

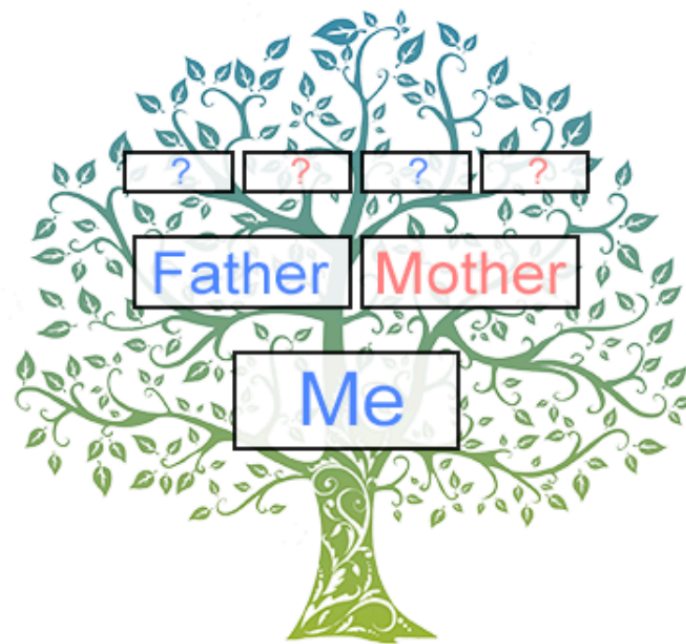


ORDA – GENEALOGY – EPISODE ONE

© August 3, 2018

Tips

ORDA
Family tree



Put ORDA to work!

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

PREVIEW

4D for iOS



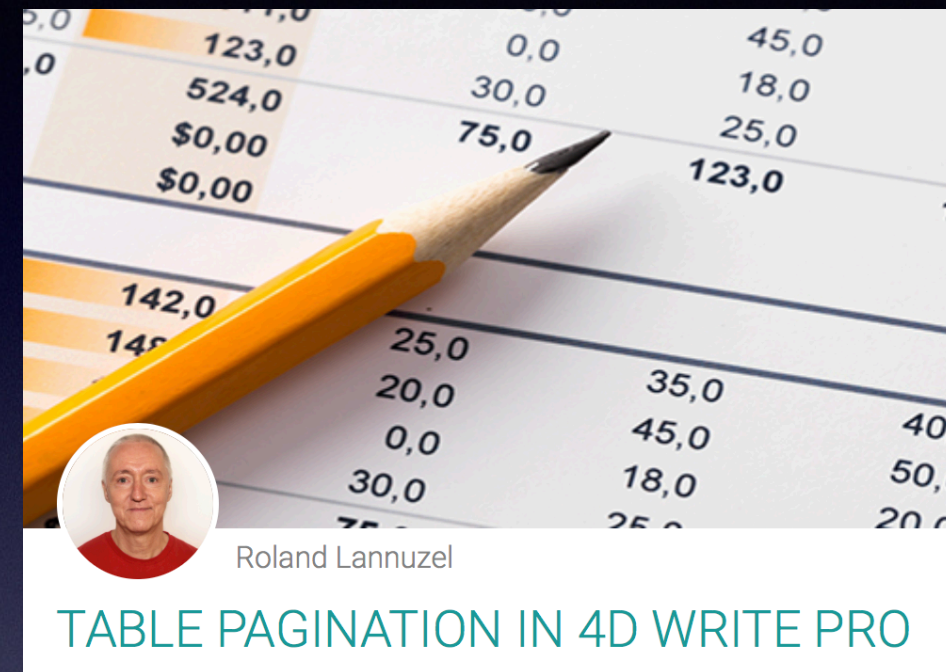
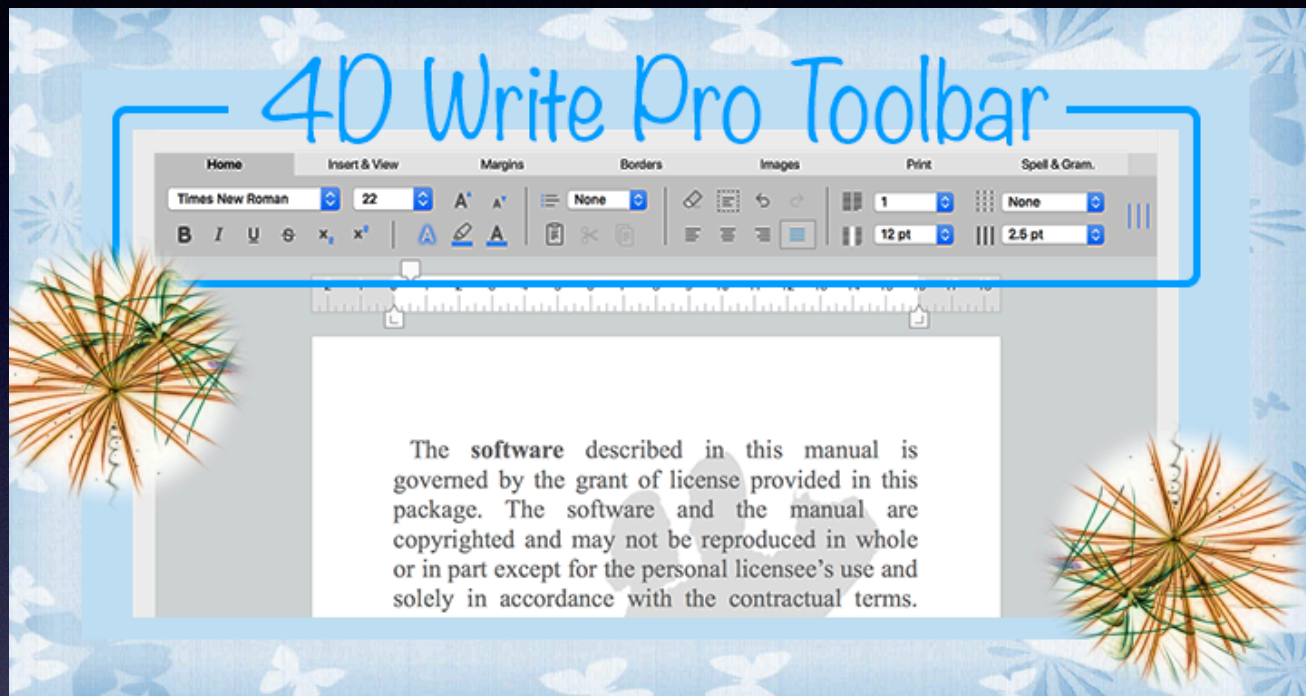
Fabrice Mainguené

PREEMPTIVE WEB SERVICES SERVER AND CLIENT

© July 16, 2018



What the Blog???



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

What's to know in the Knowledgebase?

- Create a dynamic form with a Web Area
<http://kb.4d.com/assetid=78090>
- 4D Mobile Exchange Data using Collection
<http://kb.4d.com/assetid=78093>
- SQL to ORDA 
<http://kb.4d.com/assetid=78085>

```
$wa:=New
object("type";"webArea";"text";"webArea";"top";$top;"left";$left;\
"width";$width;"height";$height;"sizingX";"grow";"sizingY";"grow";\
"webEngine";"embedded";"method";"CREATE_DYNAMIC_FORM_WEBAREA";"events";New
collection("onLoad"))

$page:=New object("objects";New object("webArea";$wa))
$form:=New object("pages";New
collection(Null;$page);"windowTitle";$webAddr)

$window:=Open form window($form)
DIALOG($form)
CLOSE WINDOW($window)
Else
If (Form event=On_Load)
WA OPEN URL(Self->;webAddr)
End if
End if
```

Update a Random Person in the [People] Table

First Name	Last Name
Lea	Duarte
Age	State
62	North Carolina
Company	
Apple - 3	41
14	18784
Pull a Random Person	

SQL Run Time (seconds)	ORDA Run Time (seconds)
447	5
Scenario 1: Update a single person with the information to the left:	
Update > SQL	Update > ORDA
Scenario 2: Increase the salary of people aged 30 to 40 work at a company with HQ in California by 10%:	
Update > SQL	Update > ORDA



Special Topic: Configuration management for IT infrastructure using 4D

Balinder Walia

**Integration Engineer at Financial Times
(AWS, Linux, CDN, HTTP Traffic Management,
Ops+reliability & Security)**

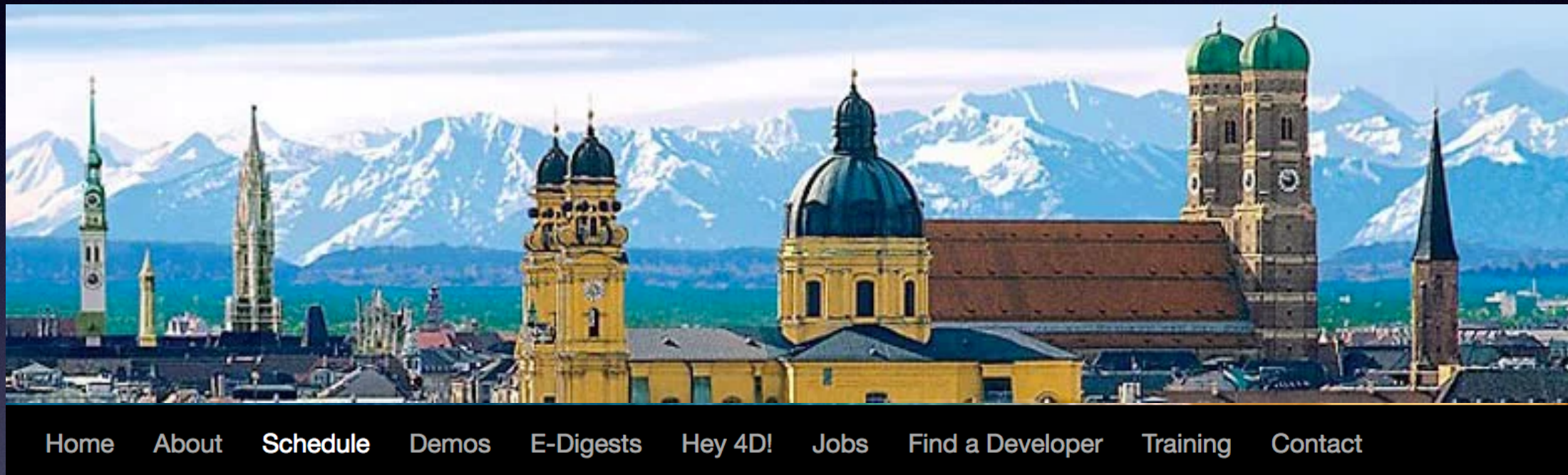
<https://www.linkedin.com/in/bwalia/>



Questions?



Next Meeting



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

Next Meeting

Wednesday, September 26, 2018, 12:00 noon, CDT (UTC-5:00)
Subforms as dynamic data objects – rethinking the 4D form, Kirk Brooks

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

November 7, 2018

Wrap Up

Other questions?

Discussion

Feedback is appreciated



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