

4DMethod 4D & Wakanda User Group

December 2nd, 2015



Agenda

1. Welcome to 4DMethod
2. 4D News from Jim Sobczak, Brian Young
3. Wakanda News from Xiang Liu
4. The 4D iNUG E-Digest - Ed Hammond
5. What's to know in the Knowledgebase - Brent Raymond
6. Special topic: Powerful HTML-Tag executor from heubach-media - Christian Sakowski
7. General Q & A
8. Next Meeting - January 21st, 2016 - guest demo from Guy Algot
9. Wrap up



Welcome Willkommen



Brent Raymond

4DMethod 4D & Wakanda User Group

4dmethod.com

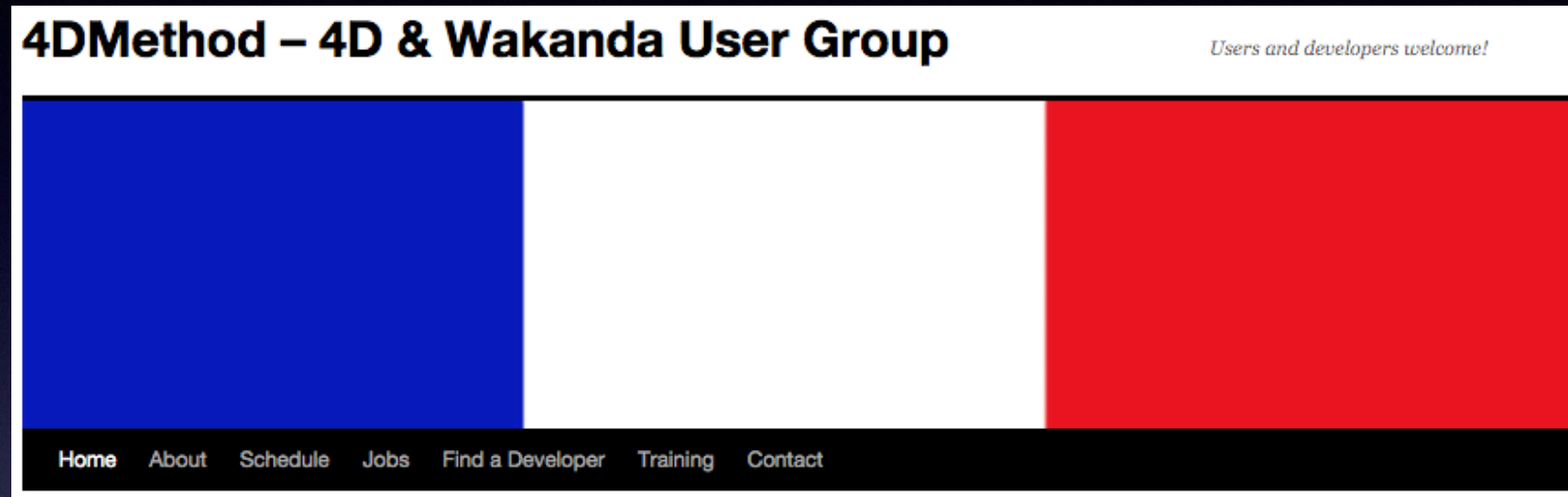
4dmethod@gmail.com

4DMethod

4D & Wakanda User Group

- Combine efforts with other user groups around the world
- Bring together a scattered community of developers and users
- Stream meetings via Google Hangouts to allow people to participate in a live meeting from anywhere
- Record meetings and presentations to be viewed again or shared with others
- Provide fresh new content and exposure to all of the regional groups

4DMethod News



Seattle



Washington, DC



London



Hamburg

4DMethod News

4D Summit session: Virtualize your data structure

- What is a virtual structure?
- Advantages and disadvantages
- Recommended usage scenarios
- How to create a VS
- Demo database
- Case study at Art Institute of Chicago

▼ General	
Label (user env.)	Do Not Lend
Table	Objects
▼ Manager	
Category	Loans/Exhibitions
Searchable	True
Viewable	True
Batch Change	True
Input view form	Object_RecordMaintenance
▼ Data	
Type	Boolean
Actual 4D field	[Objects]DoNotLend
Field Model	VF_kFldMdlBoolean
▼ Security	
View	Objects:View Do Not Lend
Modify	Objects:Modify Do Not Lend
▼ Callbacks	
Data Retrieval	ObjGet_RetrieveVFData
Query	ObjGet_Query
List Sort	ObjMgr_ListViewColumnSort
Batch Save	InterPut_SaveTableFieldData
▼ Search Comparators	
5	is true
-5	is false
▼ Keywording	
General KW Pool Feed	Inactive
VF KW Feed Only	Inactive
▼ Value Choices	
0	<False>
1	<True>

4DMethod News

New 4DMethod demo video:
Create xlsx Excel files easily by using 4D and PHPExcel

<http://4dmethod.com/2015/11/10/create-excel-xlsx-docs-using-4d-and-php/>

<https://www.youtube.com/watch?v=tPsj-c2-oyA>

<https://github.com/MosesWalker/ExcelDemo>

```
1 // create new Excel5 reader object for original file
2 $objPHPExcel = PHPExcel_IOFactory::createReader('Excel5');
3
4 // load data from original excel file
5 $objPHPExcel = $objPHPExcel->load($excelFile);
6 // write the data out to an Excel2007 object
7 $objWriter = PHPExcel_IOFactory::createWriter($objPHPExcel, 'Excel
8
9 // actual file creation
10 $excelFileOut = str_replace(".xls", ".xlsx", $excelFile);
11 $objWriter->save($excelFileOut);
12 // returns new file path
13 return $excelFileOut;
```


4D News



Jim Sobczak

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

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4D Summit 2016



Speaker submissions for the 4D Summit 2016 are now being accepted until December 15th.

4D v15r2 released

- 4D Server 64-bit – Finalized version
- 4D Developer Edition – 64-bit preview
- Redesigned quick report, label editor, property list
- Form draw rewritten for a smoother OS X user experience
- New network layer – Finalized version
- Simplified 4D license activation



Wakanda News



Xiang Liu

Technical Services
Engineer

4D, Inc

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Wakanda News

A promotional banner for the Wakanda News event. The background is a photograph of the Golden Gate Bridge in San Francisco, taken from a low angle looking up at the bridge's towers and cables. The sky is a hazy, warm orange, suggesting a sunset or sunrise. The bridge's red-orange structure contrasts with the blue water and the hazy sky. In the top left corner, there is a yellow circular logo with a black stylized 'W' and the text 'wakanda.io' in black. In the top right corner, there is a white square icon with three horizontal orange lines. The main text 'ACCELERATE YOUR MOBILE APP DEVELOPMENT' is centered in a large, white, sans-serif font. Below this text is a yellow rectangular button with the text 'FREE REGISTRATION' in black. At the bottom, the text 'December 8, 2015, San Francisco' is written in a white, sans-serif font. In the bottom right corner, the text 'Full-stack' is visible in a white, sans-serif font, with 'Full-stack' repeated below it in a smaller, lighter font.

wakanda.io

Java

ACCELERATE YOUR MOBILE
APP DEVELOPMENT

FREE REGISTRATION

December 8, 2015, San Francisco

Full-stack

Wakanda News

08.30 AM	Welcome and coffee
09.00 AM	Challenges to developing mobile and Web apps: Technologies, skills, costs
9.30 AM	Why and how to industrialize the development process with an open source platform: the Wakanda Digital App Factory
9.45 AM	Customer case: How a startup built a SaaS solution with Wakanda
10.00 AM	Coffee break: Let's meet and share
10.30 AM	Wakanda Digital App Factory in action: How to quickly develop apps for Web, mobile (Android, iOS) and Apple Watch.
11.00 AM	Roadmap and Q&A: What's next

Wakanda News

The Digital app factory new release :

6	9	32	56
DAYS	HOURS	MINS	SECS



Accelerate your digital transformation
with Wakanda platform

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
- Recent topics
- 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?

- Exporting the Smart Way — Using Smart Templates

<http://kb.4d.com/assetid=77417>

Logo	Name	Contact	Zip/City	State	Address	Address2	Email	Phone	Revenue
	Alpha Astral Animations	Charlotte Sacelar	19947	Georgetown	Delaware	Ullman Drive (82)	charlotte.sacelar@alphaastralanimations.com	(823) 312-4624	\$951.45
	Alpha Bar Computing	Charlie Wren	6125	Woodbridge	Connecticut	Lehigh Square (109)	charlie.wren@alphaastralcomputing.com	(579) 963-3994	\$16.05
	Alpha Business Clock-making	Jude Haddock	4291	West Point	Mass	Larchmont Terrace (90)	jude.haddock@alphaastralbusinessclock-making.com	(843) 128-7189	\$681.45
	Alpha Cartography Graphics Station Map		10510	Westfield	Pennsylvania	Jefferson Parkway (95)	station.map@alphaastralcartographygraphics.com	(417) 363-8708	\$735.6
	Alpha L.A. Services	Mahira Asanidele	4962	North Vanuatu	Mass	Lock Lane (19)	maheira.asanidele@alphaastral.la-services.com	(918) 894-6780	\$1864.1
	Alpha New York Productions	Alexandra Bellamy	13669	Ogdenburg	New York	Shelf Square (197)	alexandra.bellamy@alphaastralnewyorkproductions.com	(417) 943-9411	\$183.35
	Alpha North Crestions	Hazelton Elizabeth	12220	Concord On Hudson	New York	W. Northrup Square (53)	hazelton.elizabeth@alphaastralnorthcrestions.com	(899) 865-1839	\$1546.6

- How to include comments in a 4D Transformation Tags Input Template

<http://kb.4d.com/assetid=77400>

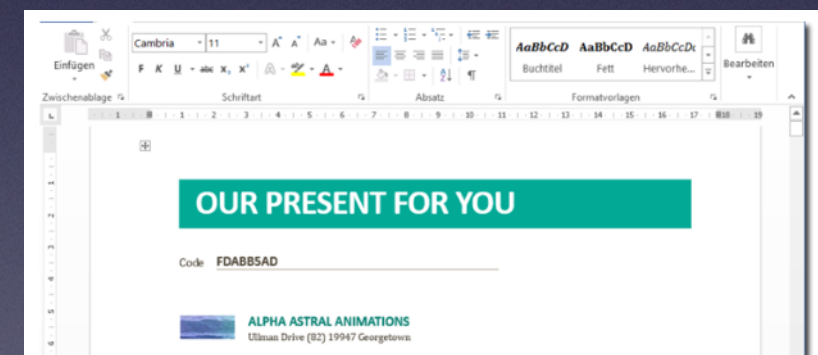
Invoice ID	Customer	Date	Subtotal	Tax	Total	Payment Date	Payment method	Payment delay	Paid
INV00001	Alpha Astral Animations	18.04.2015	782.10 €	153	935.10 €			30	No
INV00002	Alpha Astral Animations	19.04.2015	682.05 €	134	816.05 €			30	No
INV00003	Alpha Astral Animations	07.05.2015	451.40 €	89	542.40 €			30	No
INV00004	Alpha Astral Animations	24.04.2015	54.60 €	10	64.60 €	23.04.2015	By credit card	30	Yes
INV00005	Alpha Astral Animations	14.05.2015	1.341.70 €	244	1.465.70 €			30	No
INV00006	Alpha Astral Animations	13.05.2015	275.80 €	55	330.80 €	13.05.2015	By credit card	30	Yes
INV00007	Alpha Astral Animations	09.04.2015	24.00 €	5	29.00 €			30	No
INV00008	Alpha Astral Animations	18.04.2015	963.85 €	194	1.177.85 €			30	No

- Single Sign On with LDAP

<http://kb.4d.com/assetid=77397>

- R-Licenses Number of Features

<http://kb.4d.com/assetid=77387>



- Improving Program Quality with Custom Error Logging (David Adams)

<http://kb.4d.com/assetid=77396>

Hey 4D!

We already have...

Method Open Path

How about adding...

Form Open Path

Table/ Field Open Path

Explorer Open Path



It'd be a lot cooler
if you did...

<http://forums.4d.fr/Forum/EN/1075213/0/0>

Special Topic: Powerful HTML-Tag executer from heubach-media





Christian Sakowski

Chief Technical Officer
heubach-media

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<https://de.linkedin.com/in/christian-sakowski-7775968>

Special Topic: Powerful HTML-Tag executor from heubach-media

HMCAL	HMREPORTS	HMTAPI	HMBARCODE
 <p>hmCal is the leading calendar plugin for 4D v13, 4D v12 and 4D v11</p> <p>SQL for Windows and Macintosh. hmCal puts simply and fast a complete calendar functionality to your 4th Dimension application. With eight views and more than 180 commands you can create tremendous features for your application.</p> <p>READ MORE ></p>	 <p>You need amazing reports, invoices & docs... do it with hmReports.</p> <p>hmReports provides you a powerful tool to create, edit and print graphics and reports. The user can create reports without any programming knowledge and exchange and share them in the running application without recompiling. You can import SuperReport Pro, 4D Draw, 4D Chart and hmSVG documents for a fast crossgrade.</p> <p>READ MORE ></p>	 <p>With hmTAPI you can phone from your 4th Dimension</p> <p>application. The plugin has directly access to the Microsoft Windows TAPI interface. That means that you need only a TAPI capable telephone to dial from your application. hmTAPI also indicates incoming calls and so you have the possibility to show the right contact direct out of your database.</p> <p>READ MORE ></p>	 <p>With hmBarcode you can produce 1D- and 2D-Barcodes in your</p> <p>4D application in a few seconds. More than 60 codes are available incl. PDF 417 and 2D-Datamatrix.</p> <p>READ MORE ></p>

<https://www.hmplugins.com>

Questions?
Fragen?



Next Meeting

4DMethod – 4D & Wakanda User Group

Users and developers welcome!



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

Next Meeting

Thursday, January 21st, 2016, 12:00 noon, CST (UTC-6:00)

Guy Algot from Edmonton, Alberta will demo a salesperson incentive interface he developed with 4D and AreaList Pro.

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

Wednesday, March 2nd, 2016, 12:00 noon, CST (UTC-6:00)

Thursday, April 21st, 2016, 12:00 noon, CST (UTC-6:00)

Wrap Up

Other questions?

Discussion

Feedback is appreciated

Vielen Dank!