



4D User Group

July 27, 2022



meeting #58

Agenda



1. About 4DMethod
2. Happy Hour Review - Kirk Brooks
3. 4D News - Jim Sobczak, Louise Darroy
4. 4D Blog Highlights
5. Of Note in the Knowledge Base - Add Komoncharoensiri
6. Special topic: Get started with 4D for Android – Nhat Do
7. Next meeting - September 7, 2022

Welcome



Brent Raymond



4D User Group

4dmethod.com

4dmethod@gmail.com



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



Be a Presenter



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

2022 open dates:
October 19
December 7

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



Happy Hour 4D on Tap



- Connect on Zoom most Fridays
- Casual way to hang out like we used to at 4D Summits
- Very informal
- Not always about 4D, but always at least some
- Time varies, but tends to be evening US time zone/ early morning in Australia (coffee talk?)

<https://discuss.4d.com/t/4d-friday-happy-hour/13527/29>



News



Jim Sobczak

VP of Sales & Services
OEM Manager

jsobczak@4d.com



Louise Darroy

4D Field Marketing
North America

Louise.Darroy@4d.com



- Online training with Thomas Maul
- Why use classes with 4D?
- What will be the benefits for 4D developers in their daily tasks?
- What new possibilities can classes indirectly bring to users and customers in their business application?

<https://us.4d.com/training/online-training/why-use-classes>



- 4 days, with 120-minute per day plus Q&A with Jean-Pierre Ribreau
- Classes and beyond
- Extreme ListBox & Subforms programming
- Client-Server optimizations
- Moving from Classic to MVC

<https://us.4d.com/training/online-training/level-up-your-4d-skills-by-jpr>



v19 R5 released

- 4D language updates (Copy parameters)
- Reorganized the diagnostic logs
- Cache control for ORDA
- Exclude unnecessary libraries from built apps
- 20+ new 4D View Pro features
- 4D Write Pro (table headers, linked paragraphs)
- ... and monthly R version Hot Fix builds (started v19 R4)

<https://blog.4d.com/4d-v19-r5-is-here/>

4D Blog Highlights

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



- HTTP classes: A New Way to Perform Asynchronous HTTP Requests
- Microsoft 365: Send Emails, Get user information from Azure (4D NetKit, OAuth2/ Office365 providers)
- 4D for Mobile: Say Hello to Aliases

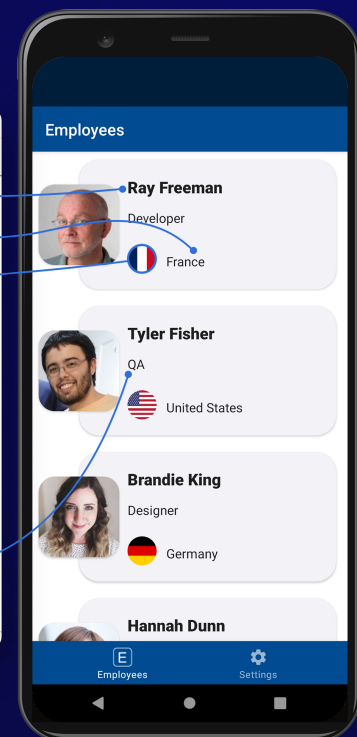
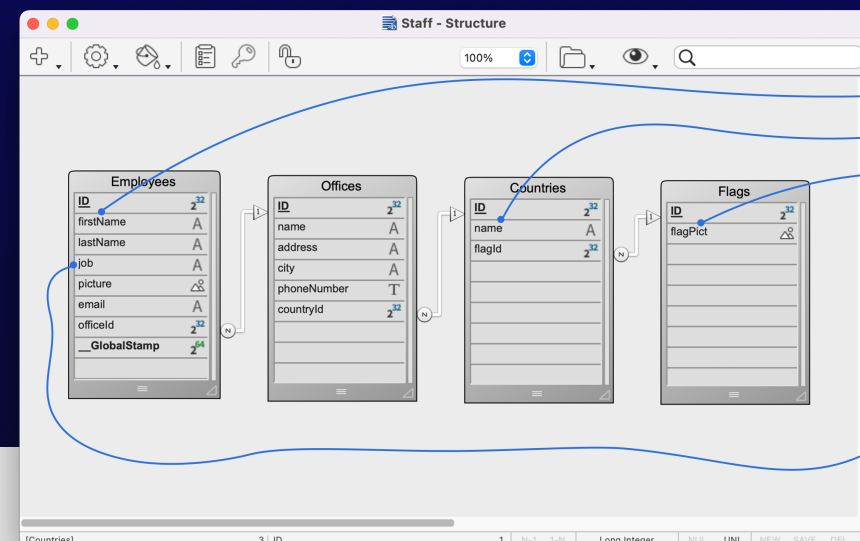


Microsoft 365

```
$request := 4D.HTTPRequest.new($url).wait()
```

```
If ($request.response#Null)
```

```
// The code to handle the request response.
```



4D Blog Highlights

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



- Developing Concurrently on 4D Server in Project Mode
- The Use of Formulas in Collections & Callback Commands
.every(), .filter(), .find(), .findIndex(), .map(), .orderByMethod(), .reduce(), .some(), .sort(), EXECUTE METHOD IN SUBFORM, CALL FORM, and CALL WORKER
- LIST BOXES: More Control. More Beauty! (padding)

```
$result := $c.filter (Formula ($1.value > 0) )
```

```
// Close the windows in the context of the form  
CALL FORM ($windows; formula (CANCEL) )
```

Name	Date	Value
Alpha Bravo Charlie	15/01/2001	-50
Delta Echo Fox-trot	01/05/1987	64000
Golf Hotel India	05/04/1998	45
Kilo	26/09/2016	158

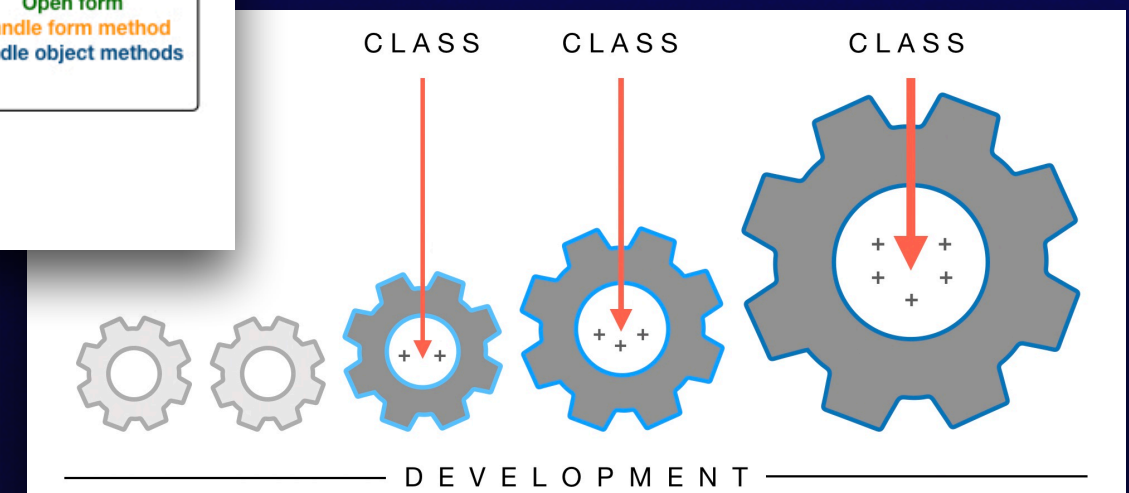
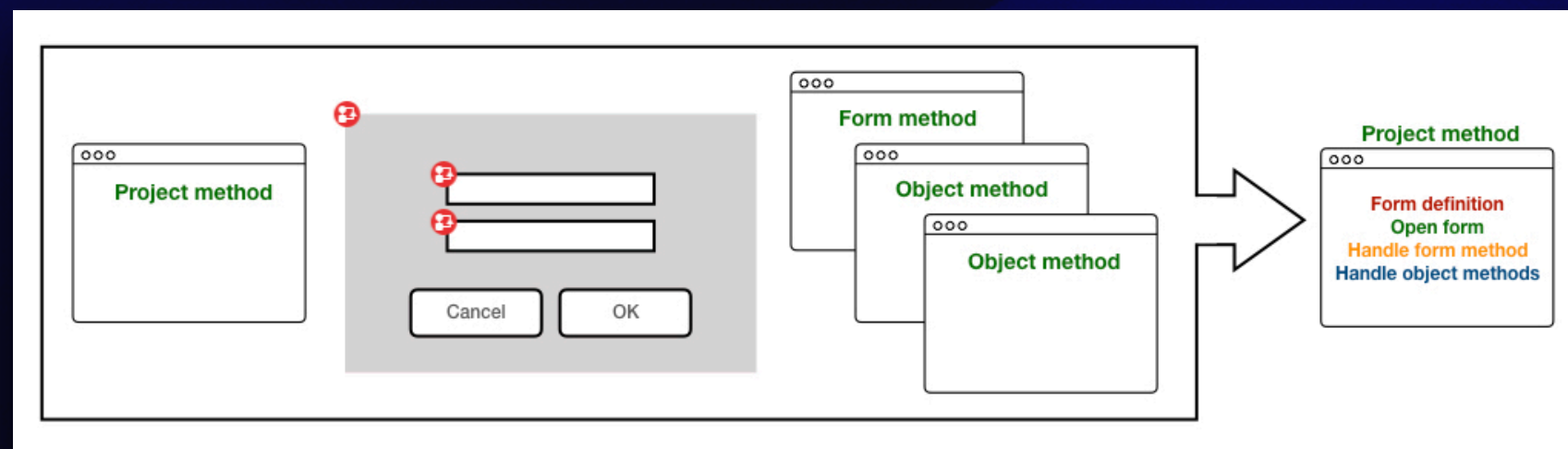
A screenshot of a 4D software configuration dialog box. It has three tabs: 'Recent', 'Available', and 'Custom'. The 'Custom' tab is selected. The dialog is titled 'Name and Address of a published 4D Server:'. It contains two text input fields: 'Project Name:' with a hint 'ex: accounting' and 'Network Address:' with hints 'ex: accounting.company.com', 'or: 192.121.122.123:8858', and 'or: [2001:0db8:85a3:0000:0000:8a2e:0370:7334]:19813'. Below these fields are two checkboxes: 'Activate development mode' (with a 'Select 4D project file' button and a menu icon) and 'Force the update of the local resources'.

Of Note in the Knowledge Base

Add Komoncharoensiri



- Transform a Utility Form into One Executable Method
 - Add Komoncharoensiri
<http://kb.4d.com/assetid=78952>
- Getting Acquainted with Classes to Improve Development in 4D
 - Tai Bui
<http://kb.4d.com/assetid=78915>



Of Note in the Knowledge Base

Add Komoncharoensiri



- Managing Lists in Project Mode

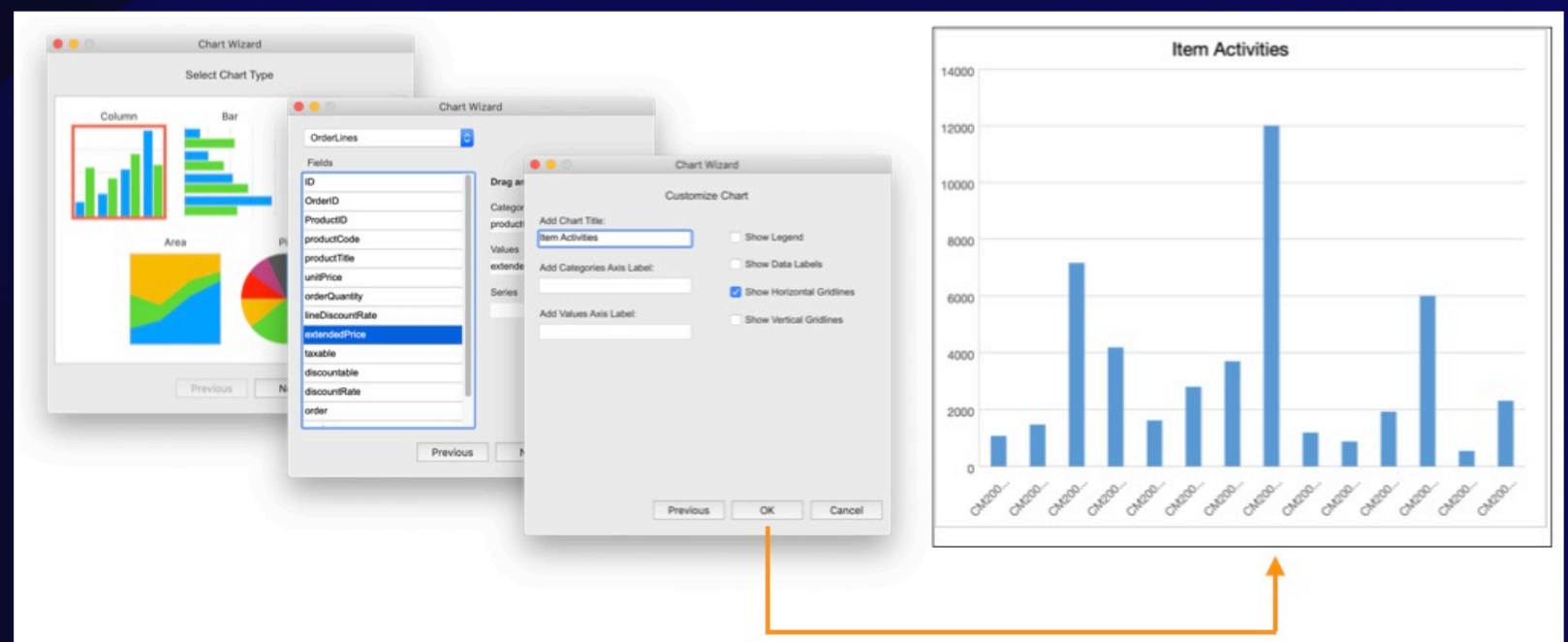
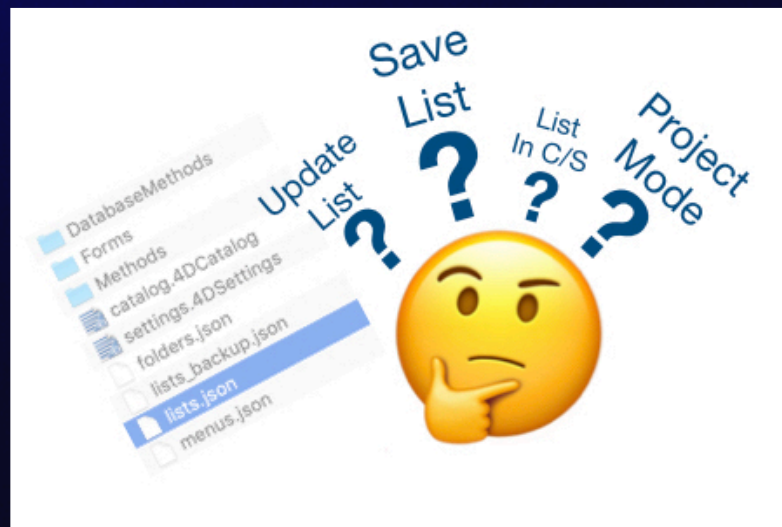
- Erick Lui

<http://kb.4d.com/assetid=78951>

- Chart Wizard with 4D View Pro

- Nhat Do

<http://kb.4d.com/assetid=78969>



Special Topic:

Get started with 4D for Android



Nhat Do
Technical Services Engineer
4D Inc., USA



Questions?



Next Meeting



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

Next Meetings

September 7, 2022

**Leveraging ORDA – Exploring Modern 4D app
Architecture – Kirk Brooks**

2022 open dates

October 9

December 7



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



Wrap Up

Other questions?

Discussion

Feedback is appreciated



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