DataFlex… *What Else?*

Synergy - March 19th 2019
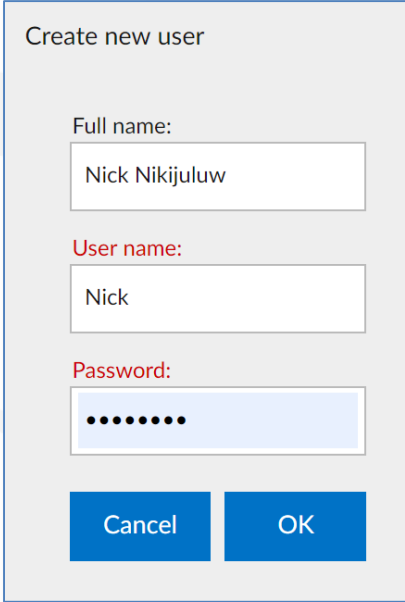Mariner of the Seas, Bahamas
Nick Nikijuluw

SYNERGY 2019
CRUISING TO NEW HORIZONS

DataFlex

- A complete suite of tools to develop strong Windows and Web applications
- You can download extra tools from our website
- We expect most demand for extra web features
- … so besides what's in the box, what Else?

Let us know what You think

- Goto https://virginia.dataaccess.eu
- Create New User

Create new user

Full name:

Nick Nikijuluw

User name:

Nick

Password:

•••••••

Cancel   OK

DataFlex Taskvoter

1	Gantt Chart

- Gantt Chart (drag & drop Gantt chart, for web)
- First version is available.
- See the demo site for more.

Your score:

1	2	3	4	5	0

Your comment:

⚪ Comment private

< Prev | Next >

How to Score…

- We all start at Item number 1
- Rate an Item by Choosing a value from 1 through 5
  - The item is not interesting at all: **Vote 1**
  - It is very interesting: **Vote 5**
- All set?

1 - Gantt Chart

- A drag & drop Gantt chart, for web
- First version is available
- [See the demo site for more](#)

2 –Using SQL in DataFlex

- Simplify the "SQL interface"
- Make it more natural SQL, when coding DataFlex.

3 –Time picker

- Entering and/or selecting (validated) dates and time
- Taking the guessing out of Locale settings

4 – GPS Component

- Functionality to capture the coordinates of one or more GPS locations.

5 - DataFlex Reports - Enterprise Edition

- Create a platform for accessing, controlling and publishing operational reports.
- What does it do?
  - Web Portal
  - Enterprise Ready report design studio

6 - An online develop- and test facility

- Make it very easy to upload a workspace to a hosting facility for web development, test and demonstration of your work

7 - Hosting made easy

- Make it very easy to upload a workspace to a hosting facility for commercially managed hosting of webapps

8 - Easy and cheap to run small webapps

- Small web solutions require quick, easy and affordable hosting

9 - Enhanced security for DataFlex apps

- A maintained library to provide always up to date, best practices security

10 – E-mail

- Class for sending, reading e-mail from a web application

- Exchange integration

- Email is a general concept in many business application. Provide an easy way to support this

11 - Machine Learning, Deep Learning, AI

- This is no longer sci-fi
- Can these new technologies help You to build better solutions?

12 - BlockChain technology

- The world of Transactions, reliability and transparency
- Secure, Immutable data, and Smart Contracts

13 - Dynamic creation of web controls

- Enable the framework to allow you to create objects "at runtime" - dynamically
- Example: Create a Panel Designer for DR Enterprise
  - End-users can Create a Filter dialog,
    - selecting From Customer / To Customer
    - Change sorting
    - Choose Print, Export, Email, etc.
  - At Runtime, start the report with the Filter Dialog

14 - Multi-tenancy

- Many SaaS solutions are multi-tenant. Offer a robust and reliable way to support this in a web app

15 - Multilingual

- Provision the ability to create applications in multiple languages
- Provide (online) tools for creating and maintaining all languages

16 – PDF Viewer

- PDF Viewer control for the DF WebApp Framework

- Open a PDF or Picture for reading, instead of Downloading it

17 - Business Process Progress Monitoring

- A provision to show progress of a business process in a web app
- … a Progress Bar for Web

18 – Authorization system

- A system for authorizing user's access to specific functionality in an app
- RBAC model: Role Based Access Control

19 - Capturing signature

- Simplify the creation of a signature capture field in a browser window

- Allowing a user to draw a signature using mouse, pen, or finger

20 - Support for 64-bit Windows

- A fully 64-bit edition of DataFlex
- Requires full 64-bit operating system and - supportive environment

21 - Bugger

- DataFlex debugger for Character Mode products.

22 - Progressive WebApps

- Websites or online apps that seem to behave like a native app

23 - A universal "ID"

- A vendor-centric, centralized customer ID for account management, access rights etc.
- Comparable to Apple ID

Applications as a Developer Platform

- How to compete against a "standard application"
  - SAP
  - Navision
  - Quick Books
- Take an existing DataFlex solution
- Modify it to the needs of the customer
- An example: "Halifax"

24 - Learning Center

- Use the [DataFlex Learning Center](#) as a start for a project
- Application as a Developer Platform

25 - HelpDeskExpress

- Use [HDE](#) as a start for a project for a customer
- Application as a Developer Platform

26 – Enterprise Social Network

- Offer your customer a version of Facebook, for their own intranet only.
- Application as a Development Platform
- Demo

27 - Advanced use of the web browser

- Like the DataFlex Start Center, or GPS location on Map

28 – Unit Testing

- Make sure to test every part of your application
- Create tests on particular areas of the code

29 – Auto Logout

- If a user leaves his desk, offer the possibility to automatically log that user off, after a certain period of inactivity

30 - Support for Unicode

- Database applications running on Unicode instead of OEM or ANSI

31 - Embedded database in NextGen

- Will you need support for the embedded DataFlex database
- For Unicode and 64-bit DataFlex

32 - Version Control in DataFlex Studio

- Make team development transparent inside DataFlex Studio
- For example, committing updates to Github

33 – Container technology

- Virtualization on Steroids
- Deployment made Portable

34 - MySQL, Aurora or MariaDB back-end

- Control the costs of deploying on a SQL type back-end
- Hi-performance DB solutions

35 - Support for REST

- Enabling DataFlex to provide and consume REST services
- So, Server as well as Client

36 - Serverless Computing

- This is Cloud, right? And everything is virtual… and more…
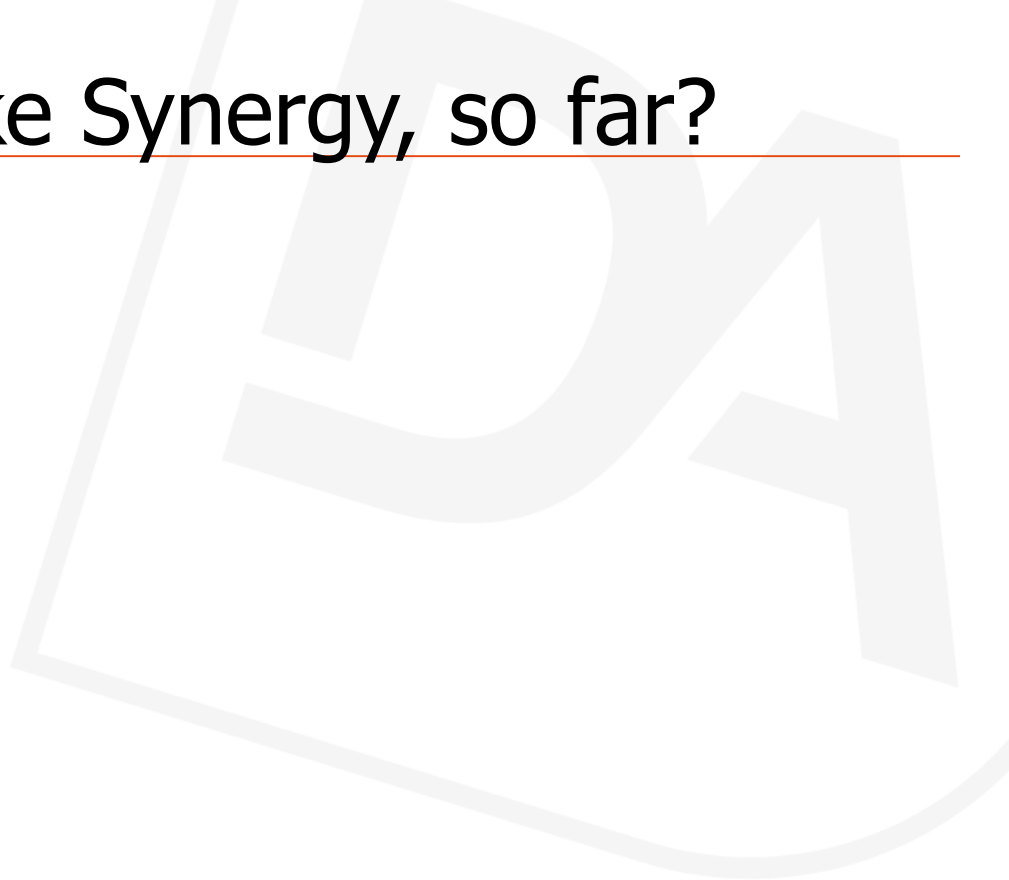- Except for the monthly bills!

37 – The Internet of Things

- Things are connected via the internet
- They connect, interact and share data

38 – What did we forget?

- What feature, or technology did we forget to mention?
- Rate it 5, and describe it in the comment!

39 – How do you like Synergy, so far?

Thank You!