

Welcome to Dyalog'17



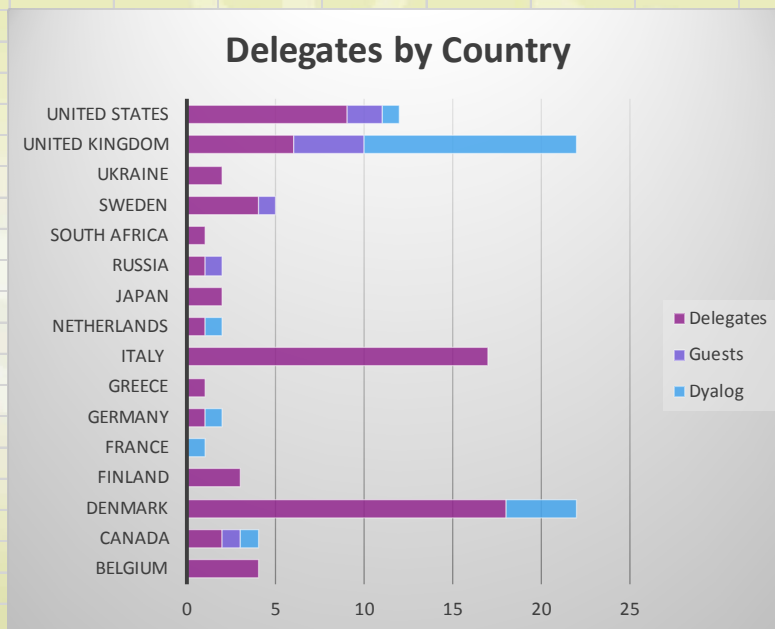
DYALOG

Elsinore 2017

Gitte Christensen,
Dyalog

Welcome to you all

	Delegates	Guests	Dyalog	Total
Belgium	4			4
Canada	2	1	1	4
Denmark	18		4	22
Finland	3			3
France			1	1
Germany	1		1	2
Greece	1			1
Italy	17			17
Netherlands	1		1	2
Japan	2			2
Russia	1	1		2
South Africa	1			1
Sweden	4	1		5
Ukraine	2			2
United Kingdom	6	4	12	22
United States	9	2	1	12
TOTAL	72	9	21	102



Welcome to Elsinore

Original artwork by

Troels Kirk

www.troelskirk.com



Dyalog staff

- 21 of us here
 - Please take advantage of the opportunity
- Vince is manning the fort in Bramley
- Last year we announced that we were aiming to hire two more people



New at Dyalog

- We did:



- Marshall Lochbaum
Interpreter Developer

- And



- Michael Baas
Tools Group



Dyalog staff

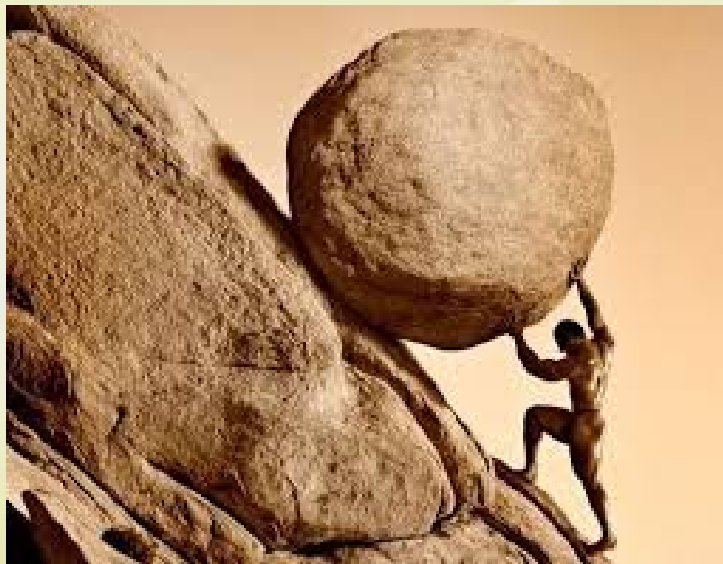
- Unfortunately we also lost two
 - Nick Nikolov, now back in Bulgaria
 - and sadly
 - Daniel Baronet died in a motorcycle accident November 1st 2016











- Daniel Baronet died in a motorcycle accident November 1st 2016
- Memorial page: www.danielbaronet.rip











What has Dyalog been up to?



We released version 16 with:

-  Performance Enhancements
-  □JSON replaces experimental 7159 family of I-Beams
-  RIDE 4.0: Cross Platform Development Environment
-  Embedded HTML Rendering Engine
 - Create portable UI for Windows, macOS, Linux (&Android)
-  Generic Data Binding Support
 - Call a function on read/write of any variable in a namespace
-  □CSV for high performance import and export
-  New Primitive Operators @  and functions l ε

We released version 16 with:

-  Performance Enhancements
-  □JSON replaces experimental 7159 family of I-Beams
-  RIDE 4.0: Cross Platform Development Environment
-  Embedded HTML Rendering Engine
 - Create portable UI for Windows, macOS, Linux (&Android)
-  Generic Data Binding Support
 - Call a function on read/write of any variable in a namespace
-  □CSV for high performance import and export
-  New Primitive Operators @  and functions l ε

What will Dyalog be up to?

- We believe that with version 16 we have delivered the beginning of a tool chain for developing distributed applications
- We have just renewed the license to redistribute the SyncFusion libraries for another 5 years
 - If you are looking at Dashboards and Report Engines check out their offerings
 - Let us know if we can help



What will Dyalog be up to?

- We have introduced a new multiplatform developer license
 - For 100€ more annually you can get access to all the supported desktop environments
 - Windows, Linux, Mac – (Android when available)
 - It is a single user license like the current developer license but it allows you to experiment with developing and deploying on the different platforms



Dyalog

- We have some work to do before we can make enough new users excited about APL
 - We need more examples
 - Templates
 - Videos
 - Evangelism
- You will see more of that soon.
- (Slide from 2015)



What will Dyalog be up to?

- We are adding resources to the Tools Group to be able to produce more examples and templates.
- We finally got started producing live content outside of the User Meetings – currently once a month.
- We are taking summer interns at Dyalog



APL – the next generation

- Let me introduce this years winner of the contest
- Kostas Blekos
PHd student of Physics at
- University of Patras



Young APL Guns



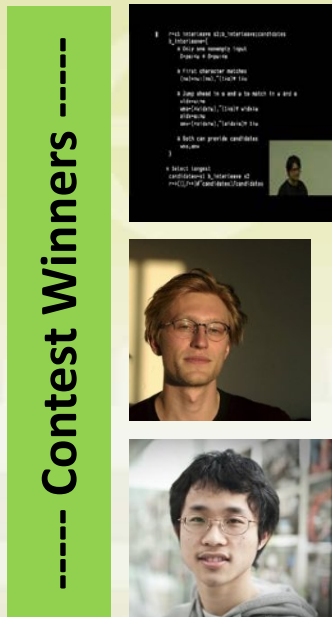
Adam Brudzewsky
APL Tool, Language Design
Code Golf Evangelist



Marshall Lochbaum
Interpreter implementation
(especially optimisation!)



Aaron Hsu (Indiana U.)
Compiler Implementation
Evangelist Extraordinaire



Marinus Oosters (Winner 2016)
Intern 2016
Python Bridge + aplssh

Zack Batik (Winner 2016)
2017 Contest Problem
Design

Ronald Chan (Winner 2009)
Matrix Inverse Rewrite
R interface

**Callum Floume &
Gil Athoraye (Optima)**
RIDE 4 implementation



APL the next generation

- - and before the presentation from Morten I will hand you over another young APL'er, Sam Gutsell from Optima who will introduce you to the APL Code Golfing challenge
- Please play along and enjoy the User Meeting

