

MONTGOMERY
PARTNERS
& ASSOCIATES



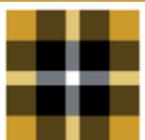
CocoaHeads

European Trip Report Back
2018-10-11

Ed Greenaway

AGENDA

- Who am I ?
- Why did I go ?
- When did I go ?
- Where did I go ?
- What did I attend ?
- Who did I learn from/ enjoy the most ?
- What were my big takeaways ?
- Which was the “best” conference ?
- What are my recommendations for next time ?

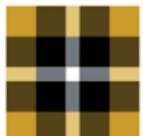


Who am I ?

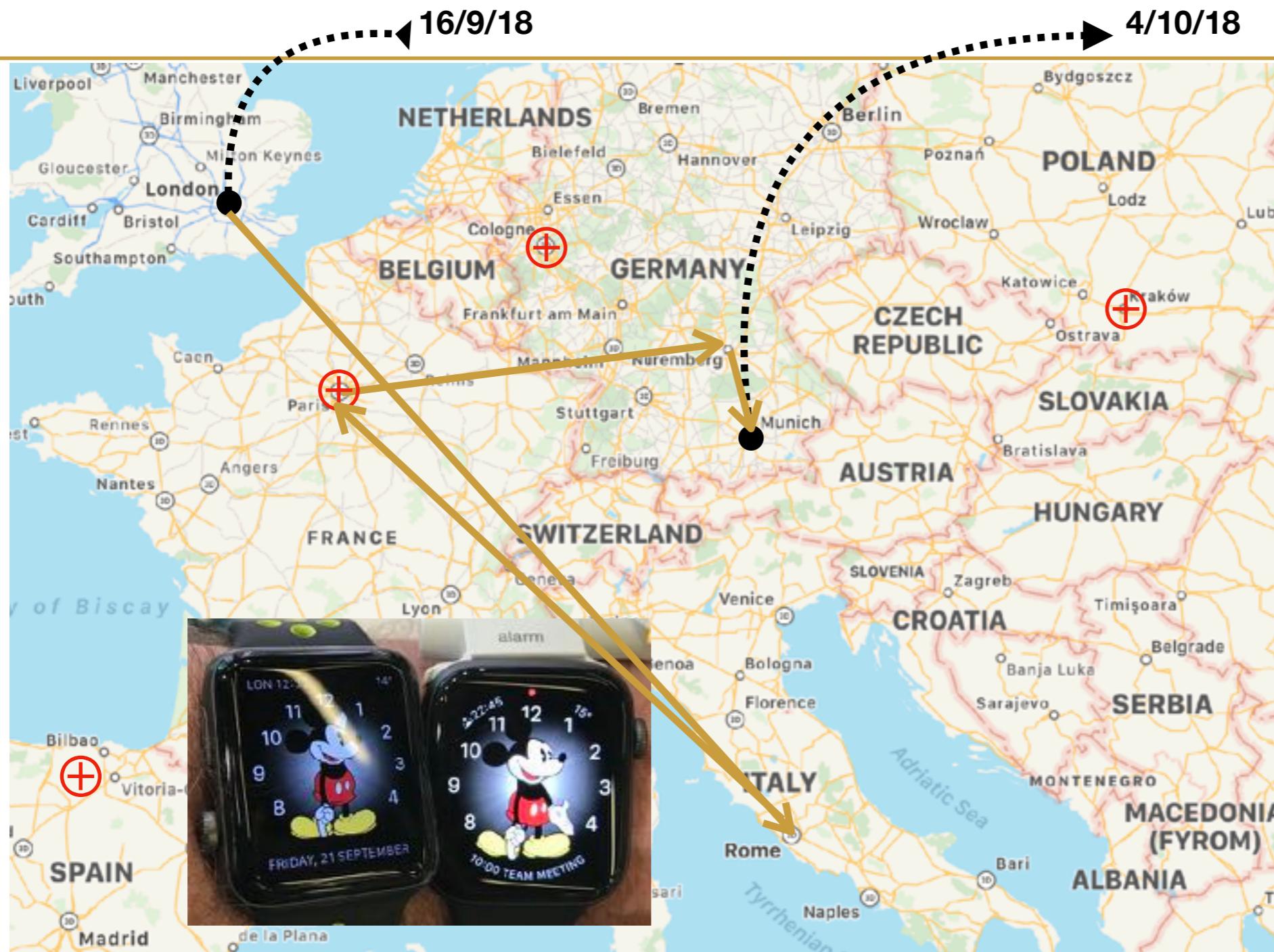
A management consultant returning to my programming roots of 1967-68, 1970-79 (professional), 80s-90s (hobbyist), and 1992-2004 (solution designer) ... all procedural 😞

- ❖ IBM 1620 FORTRAN II
- ❖ IBM 360/50 MVS/360 - FORTRAN, WATFOR, FORMAC, PL/1, APL, BAL360
- ❖ IBM 370/155 MVS/370 - PL/1, BAL370
- ❖ DEC PDP10 LISP
- ❖ PC1, ATARI, & AMIGA Basic
- ❖ IBM AS/4000 OS/400 COBOL
- ❖ IBM PS/2 OS/2 REXX, VB, C, C++
- ❖ IBM RS/6000 AIX JAVA, JAVASCRIPT

... so now learning Swift for writing apps on iOS & WatchOS



Why, When, and Where did I go ?



[https://github.com/
Lascorbe/
CocoaConferences](https://github.com/Lascorbe/CocoaConferences)

#1

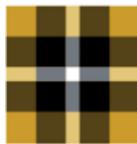
⊕ NSSpain
Logroño, Spain

⊕ SwiftConf
Cologne, Germany

⊕ FrenchKit
Paris, France

#2

⊕ Mobiconf
Krakow, Poland



#1 Where did I go ?

[NS]Spain Logroño



What did I attend ?

#1 [NS]Spain

WORKSHOP DAY ZERO

Don't rewrite your project. Refactor.

Warren Burton

**Better Developer Tooling by writing
your own Mac Apps with Cocoa
Bindings**

Benedikt Terhechte

Introduction to Siri Shortcuts

Daniel Steinberg

Streaming of the Apple Event

CONFERENCE DAY ONE

Strings Seven Ways

Matt T

The Art of Spelunking

Guilherme Rambo

Combinators

Daniel Steinberg

Embracing Change

Kristina Fox

Siri Shortcuts

Ellen Shapiro

**Avoiding culture shock. Designing
apps for different cultures**

Daniel Munoz

**From Engineer to Manager - A personal
journey**

Marcus Wermuth

How To Control The World

Stephen Celis

Live Podcast

John Sundell

Guilherme Rambo

CONFERENCE DAY TWO

Building apps at scale

Victor Pena

Pavel Mazurin

Embrace your Legacy... Code

Nelida Velazquez

Synthesizing Synths in Swift

Adam Bell

Lightning Talks

Multiple Speakers

UI Testing Infrastructure in Avito

Vladislav Alexeev

**React Native Unfiltered – Insights from
Introducing React Native to a
Production Application**

Isabel Barrera

Teaching Swift at Scale

Paul Hudson

Scaling up mobile at ING

Bart den Hollander

A Better MVC

Dave DeLong

Going Deep With Animations in iOS

Hector Matos



Who did I learn from the most ?

#1 [NS]Spain

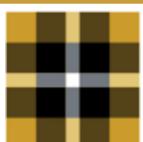
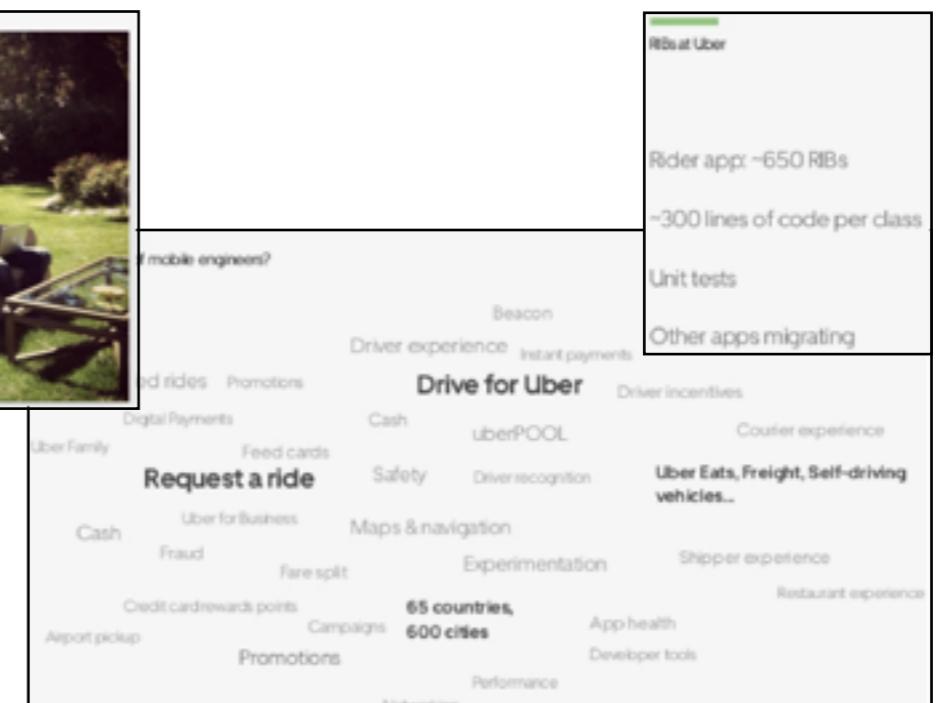
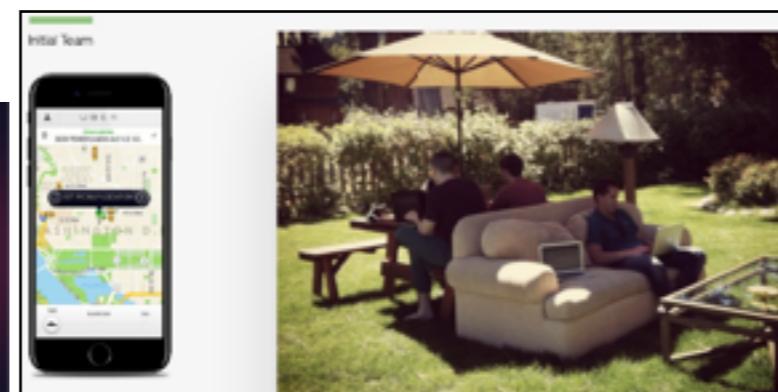
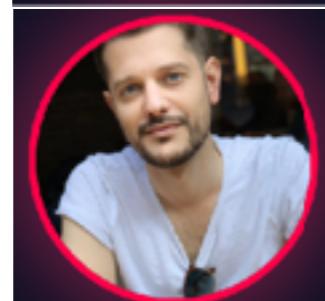
Daniel Steinberg
Dim Sum Thinking
Introduction to Siri Shortcuts



Ellen Shapiro
Bakken & Bæck
Siri Shortcuts

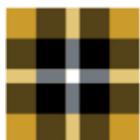
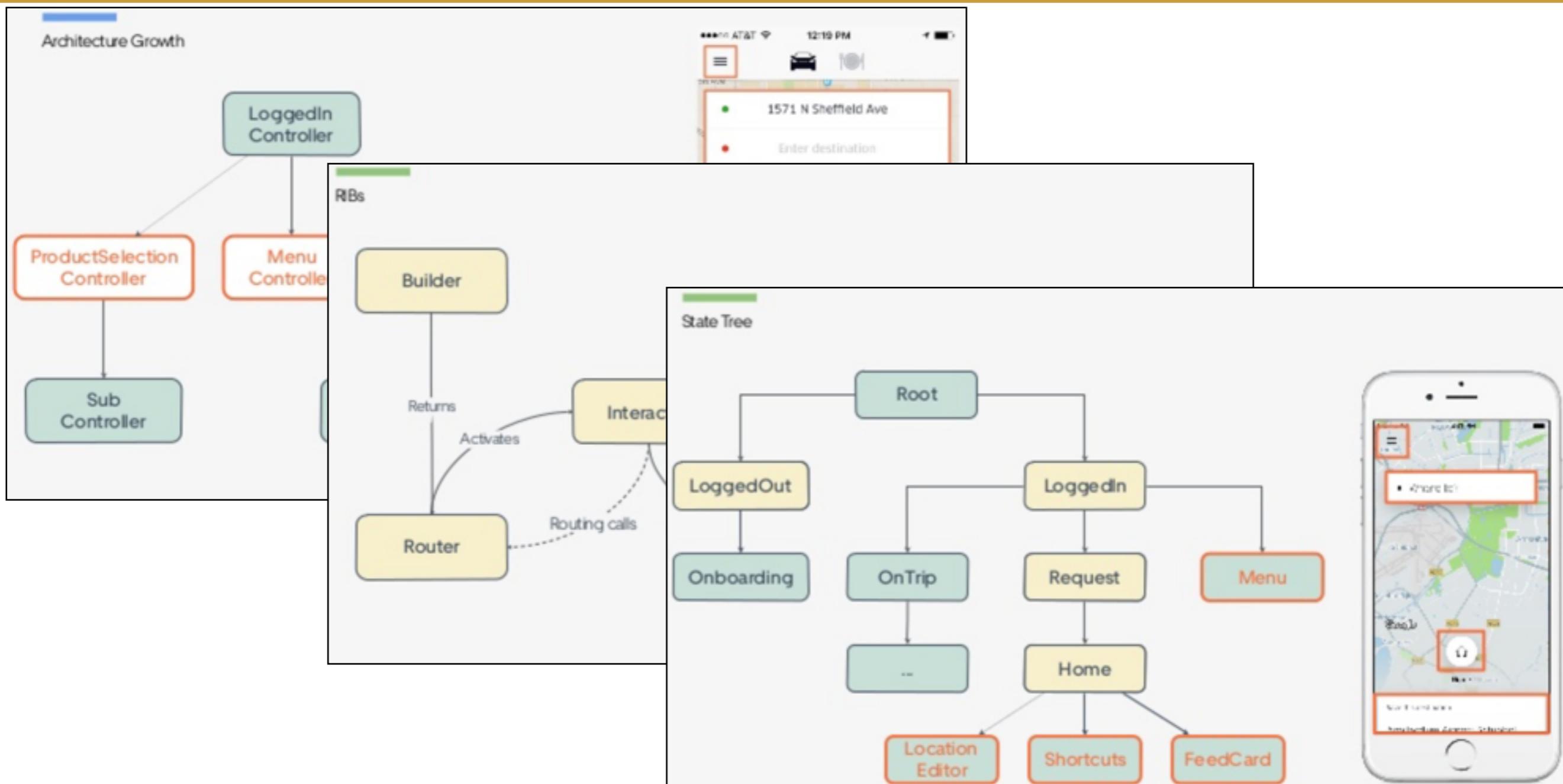


Pavel Mazurin
Victor Pena
Uber
Building apps at scale



What is RIBs anyway ?

#1 [NS]Spain



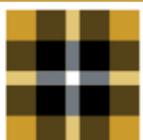
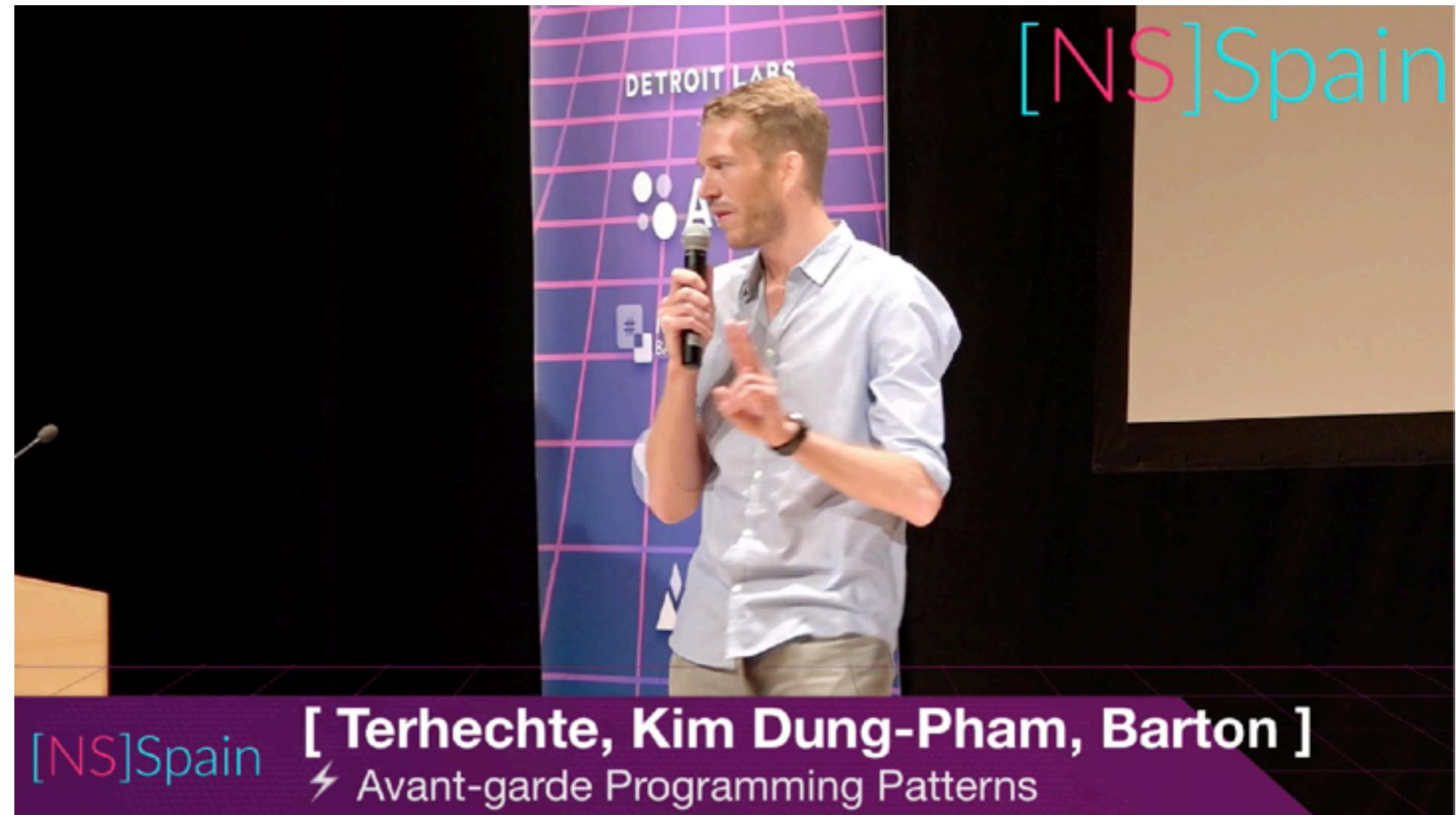
Who did I enjoy the most ?

#1 [NS]Spain

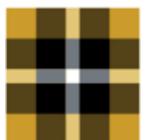
Benedikt Terhechte, Martin
Kim Dung-Pham & Rich
Barton

Lightning Talks

**Avant-garde
Programming
Patterns**



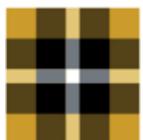
Who did I enjoy the most ?



Who did I enjoy the most ?

#1 [NS]Spain

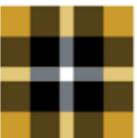
Factory
pattern!



What were my big takeaways ?

#1 [NS]Spain

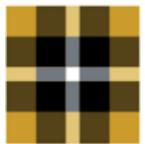
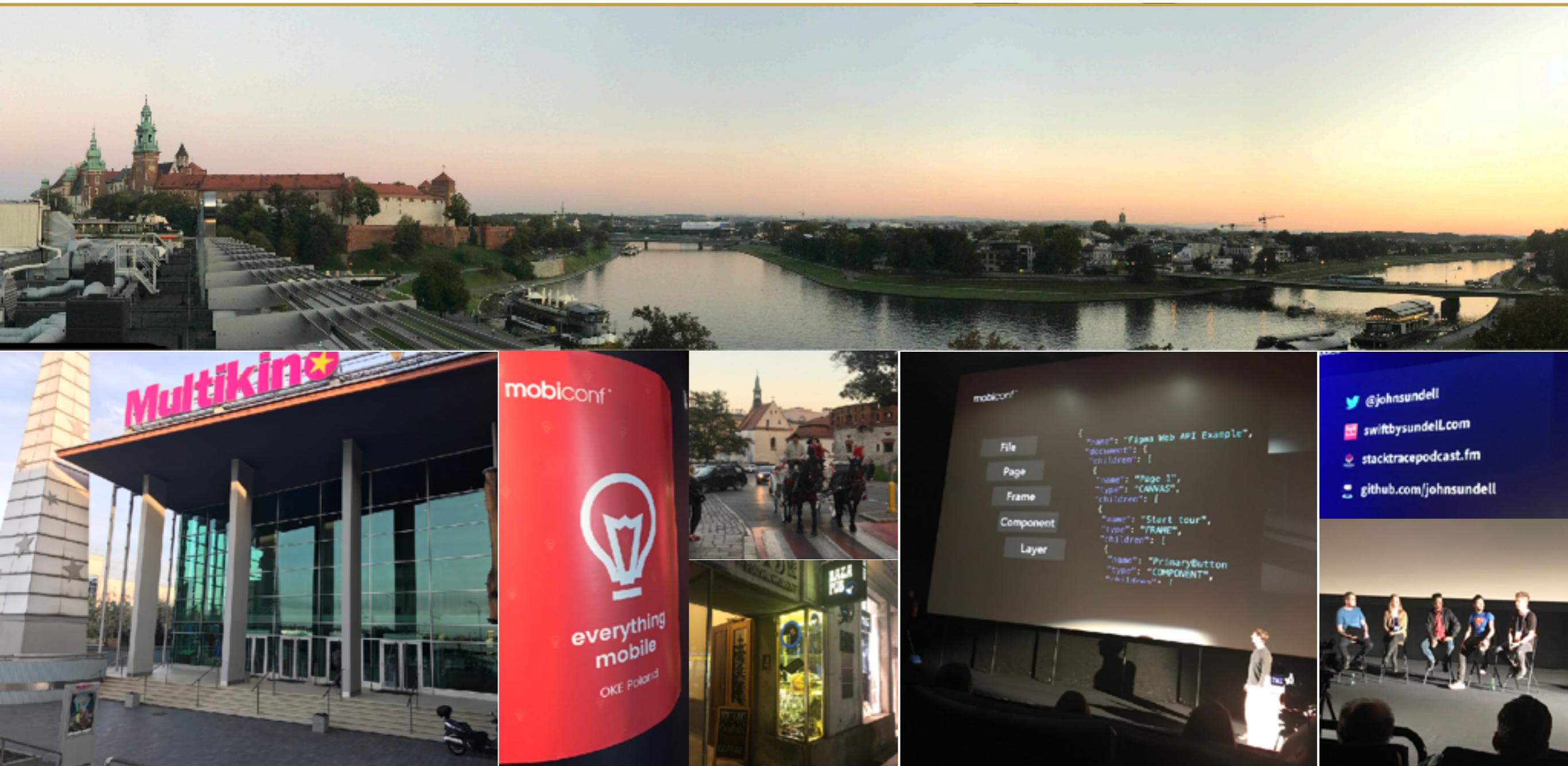
- Get started on Siri Shortcuts - NOW !
 - ✿ “intents” methodology parallels Google’s approach
 - ✿ Enable your Apps
 - ✿ Provide your End Users examples & samples
- Increase your value to your End Users by increasing their productivity and provide workflows integrating Apps





#2 Where did I go ?

mobicomf Krakow



What did I attend ?

#2 mobiconf

CONFERENCE DAY ONE

Keynote: What's Flutter and why should you try it now? Horacio Gonzalez

Android iOS UI/UX Everything Mobile

What mom never told you about multi-threading (mobile edition)
Fernando Cejas

Taming WebSocket with Scarlet
Zhixuan Lai

wow. very vector. such love
Mark Allison

Think and solve for 'User Expectations'
Wiebe Elsinga

Building assistive apps with App Actions
Elaine Dias Batista

The curious case of Android button
Nicola Corti

Understanding the Standard Library
Paul Hudson

Actor based approach in practice for Swift developers
Bartosz Polaczyk

Beware of the legacy! The one you inherit and the one you create
Carola Nitz

The iOS Developer's Introduction to Vapor

Steffen D. Sommer

ModelDiff state based UI rendering in iOS
Bj Kandel

The Lost Art of System Design
John Sundell

Lessons Learned Building a Product for Mobile
Samuel Beek

Data-Driven intuition
Temi Adeniyi

Ecology of UX
Scott Weiss

Adidas, a brand truly tapped into pop culture
Amilcar Guevara Torija

Fintech for millennials & early adopters: why the UI/UX + AI is game-changing
Alexandra Petrus

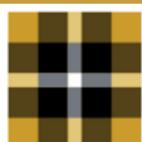
Mobile device as a gate to Machine Learning world
Miłosz Kaszyński

Machine learning on your mobile phone
Vladimir Alekseichenko

Build a fast checkout experience with Google Pay
Filip Stanis

Love & Peace (of Mind): The Unexpected Paths to Better Leadership
Anna Gawlikowska

Application Security in Agile Mobile Development
Dawid Bałut



What did I attend ?

#2 mobiconf

CONFERENCE DAY TWO

Android

Magic sugars that can make your Kotlin codebase happier

Piotr Ślesarew

Kotlin coroutines – A story of an old code base, a new language and concurrency

Ivan Morgillo

Effective mobile engineering to make product successful

Mirosław Stanek

I just hacked your app!

Marcos Placona

Room: An SQLite Object Mapping Library

Magda Miu

iOS

Security? Check!

Tomek Cejner

Into the Deep – or what would 80s have done with depth sensing technology?

Tobias Due Munk

Navigating the Apple ML Landscape

Meghan Kane

Adventures in Open Source

Roy Marmelstein

How to use Cryptography for mobile developers – common mistakes

Marcin Krzyżanowski

UI/UX

Designs that code themselves

Mikołaj Dobrucki

So... what's my job?

Ray Ho

The future of UX

James Butler

User-Driven Design – Topline, Created by Musicians for Musicians

Hash Riaz

Why are we building that?

Prarthana Johnson

How digital nomads get stuff done using mobile apps

Michael Śliwiński

Everything Mobile

3D on mobile platforms: not a game

Giulia Menichini

Software licenses for mobile developers

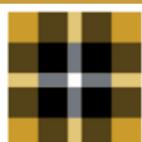
Jan Hudzik

Mobile analytics for dummies

Mateusz Muryjas



Closing: Panel discussion John Sundell as anchor, with four presenters

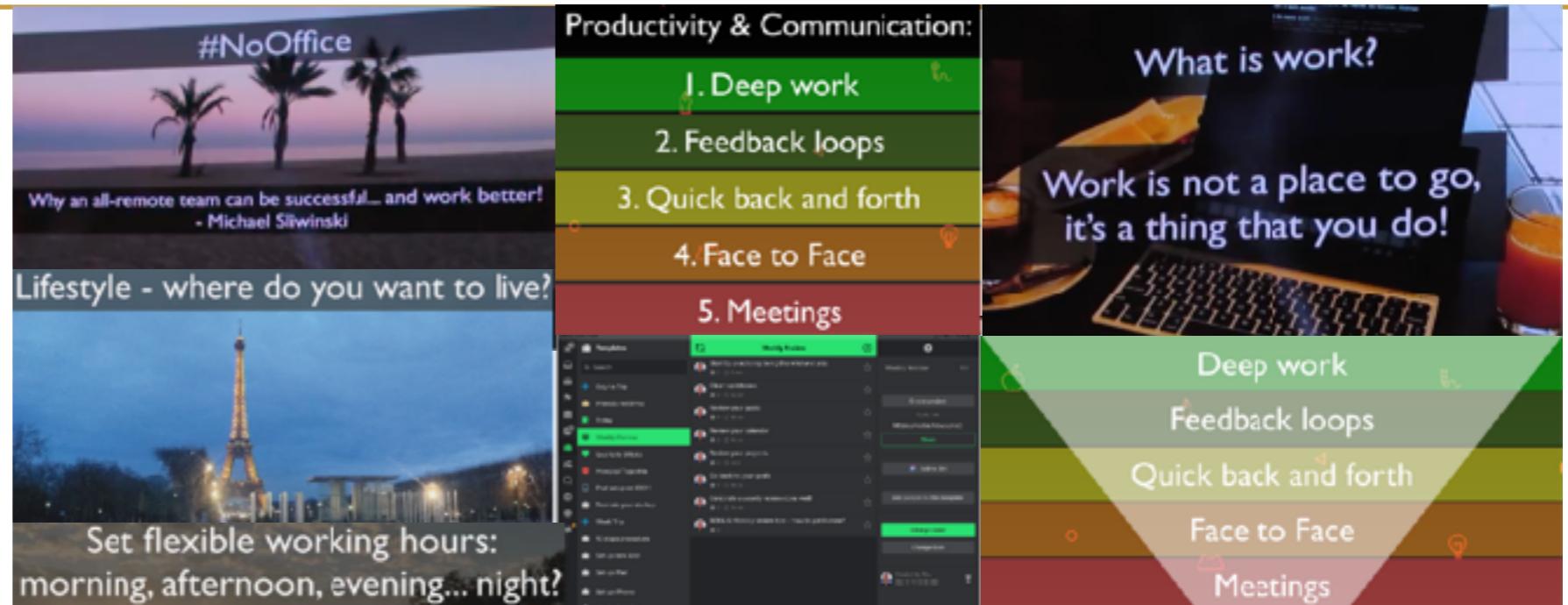


Who did I learn from/ enjoy the most ?

#2 mobiconf

Michael Śliwiński
Nozbe

**How digital nomads
get stuff done**



#NoOffice

Why an all-remote team can be successful...and work better!
- Michael Śliwinski

Lifestyle - where do you want to live?

Set flexible working hours:
morning, afternoon, evening... night?

Productivity & Communication:

1. Deep work
2. Feedback loops
3. Quick back and forth
4. Face to Face
5. Meetings

What is work?
Work is not a place to go,
it's a thing that you do!

Deep work

Feedback loops

Quick back and forth

Face to Face

Meetings

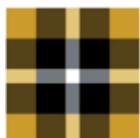
Tobias Due Munk
developmunk
Into the Deep



// Filter Depth Data

```
let depthData = await depthData.getDepthData();
// Disable depthData.table.ZFILT_ENABLE = false;
```

Sys. Temp.

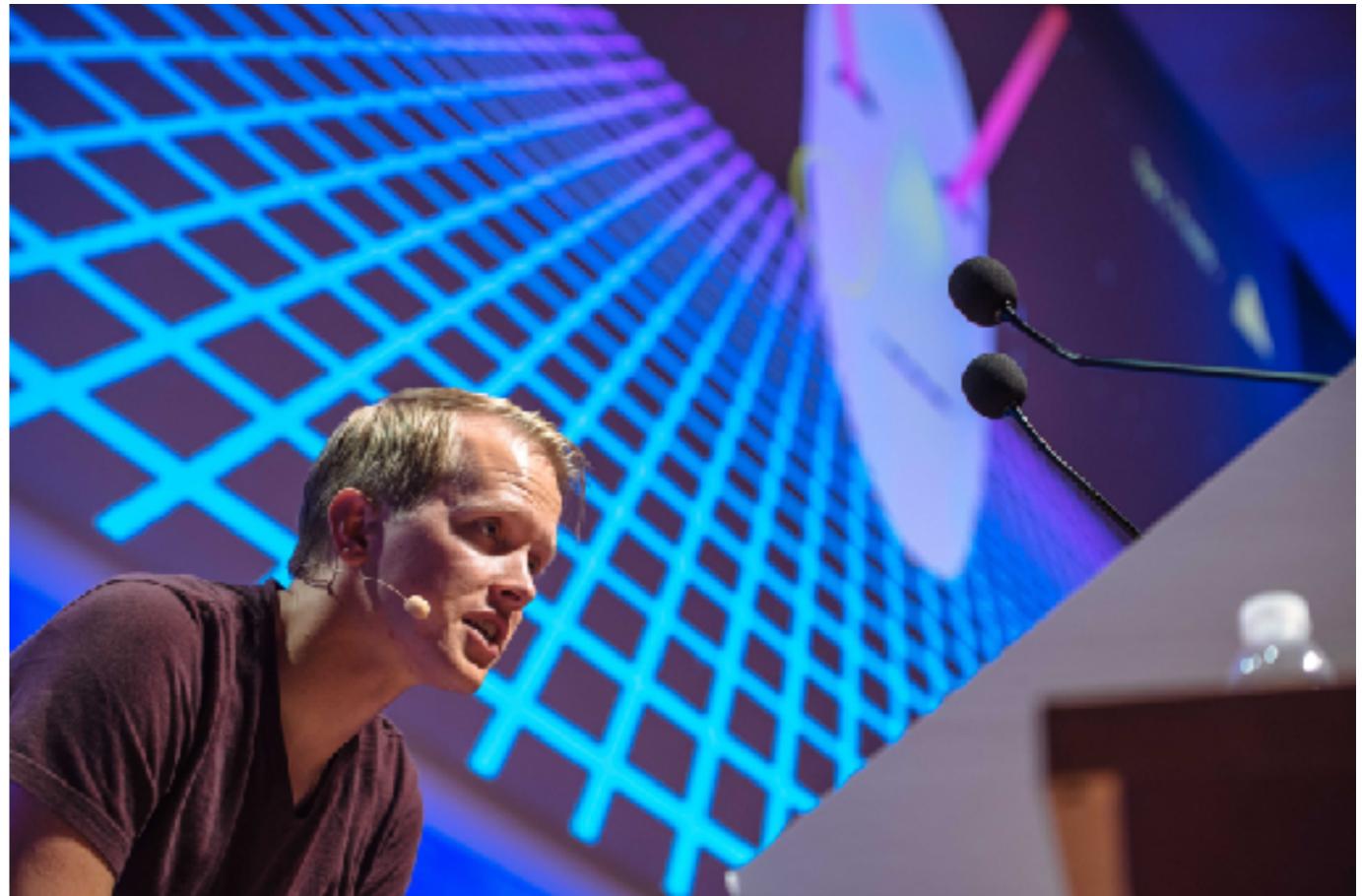


What were my big takeaways ?

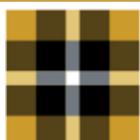
#2 mobiconf

- Start building your analytics driven workspace of the future

- ❖ Voice dictation of interpretations
- ❖ Augment Reality visualisation of data objects
- ❖ Depth perception, object selection and manipulation
- ❖ Combine analytics with Machine Learning for consultation and coaching

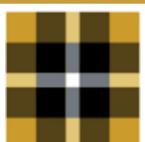


- Research Google's “Flutter” - it is imminent



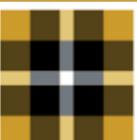
Which was the “best” conference ?

	Good	Bad	Ugly
WWDC	Being there/ the vibe Queue buddies Specialist working groups	Luck of the Draw	Having to make choices
AltConf	Sense of occasion Best swag	Hotel conference	Being on the outside
NSSpain	Workshop day Friendliest Lunchtime round tables Slack Channel Conference sack	Workshop logistics in a theatre	Getting there & back
mobiconf	Most professional (excl. Apple) Multiplex facility Their App!	Having to make choices	Twitter for panel discussion



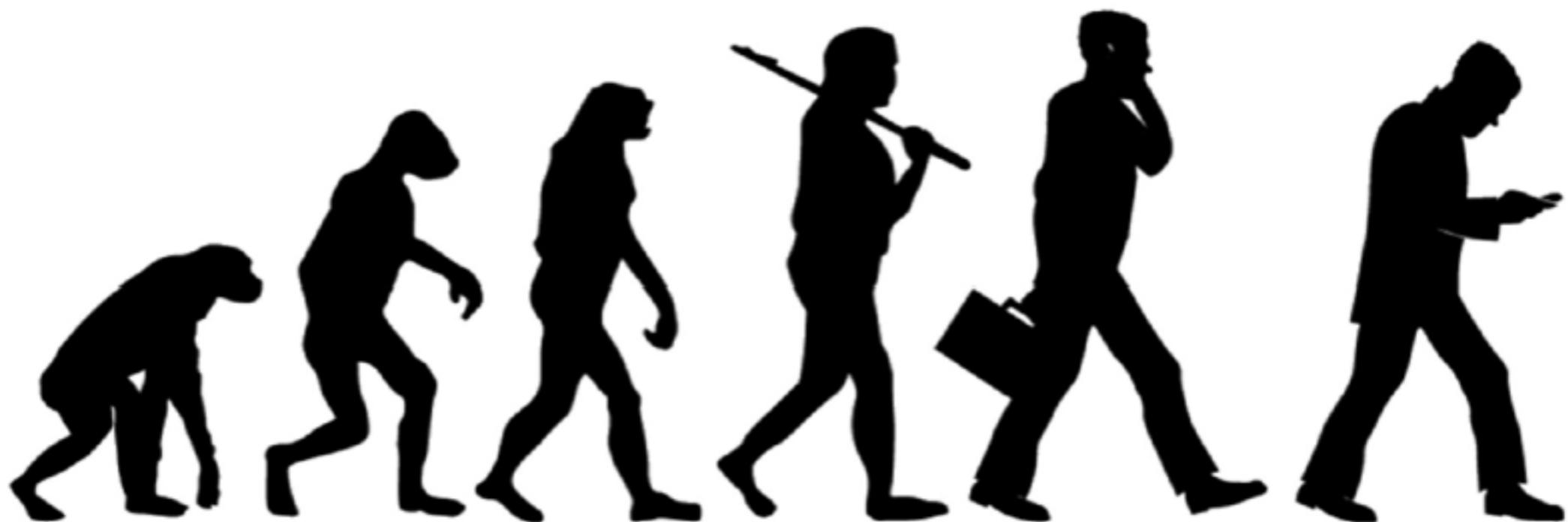
What are my recommendations for next time ?

- Leverage any and all travel plans
 - ❖ Negotiate some buffers with your partner/ companions
 - ◆ I regret missing out on the two Swift conferences
- Prioritise workshops, and take a spare, latest beta level, laptop
- Take copious “notes”
 - ❖ I should have used my GoPro as a digital session recorder
 - ◆ Publishing of conference videos can be delayed
 - ◆ Published content may be a “pruned” subset
 - ❖ Summarise as you go





Thank You



“Then, Sir, what is gained is, the man has his choice whether he will move himself alone, or himself and the machine too.” Samuel Johnson

Did someone say something about Links ?

- My contact: edward.Greenaway@iCloud.com
- A master list of conferences: <https://github.com/Lascorbe/CocoaConferences>
 - ❖ And from that the two conferences I attended:
 - ♦ <https://2018.nsspain.com/index.html>
 - ♦ <https://2018.mobiconf.org>
- [NS]Spain links:
 - ♦ of conference videos: <https://vimeo.com/nsspain>
 - ♦ of Uber legal approved presentation: <https://www.slideshare.net/PavelMazurin/building-mobile-apps-at-scale-2018-ns-spain-pavel-peña-mobile-approved-117938617>
 - ♦ Also try google search “youtube nsspain” for previous years’ presentations
- MobiConf has not published any of this year’s talks at this time, however ...
 - ♦ MobiConf YouTube channel: <https://www.youtube.com/channel/UCMMyKC1Jh5KirZc3rnem4kg>
 - ♦ However Michael Sliwinski provided a link to a page of resources including his presentation: <https://sliwinski.com/mobiconf/>
 - ♦ And here is Tobias at ADDC with an earlier version of his talk and demonstration: <https://youtu.be/XfEBtxhhI0g>
- I rated AltConf (<http://altconf.com>) with the above conferences; although I did not include the agenda here is their content:
 - ♦ YouTube channel: <https://www.youtube.com/channel/UChiwrWoactp8mOs70j53zYw>

