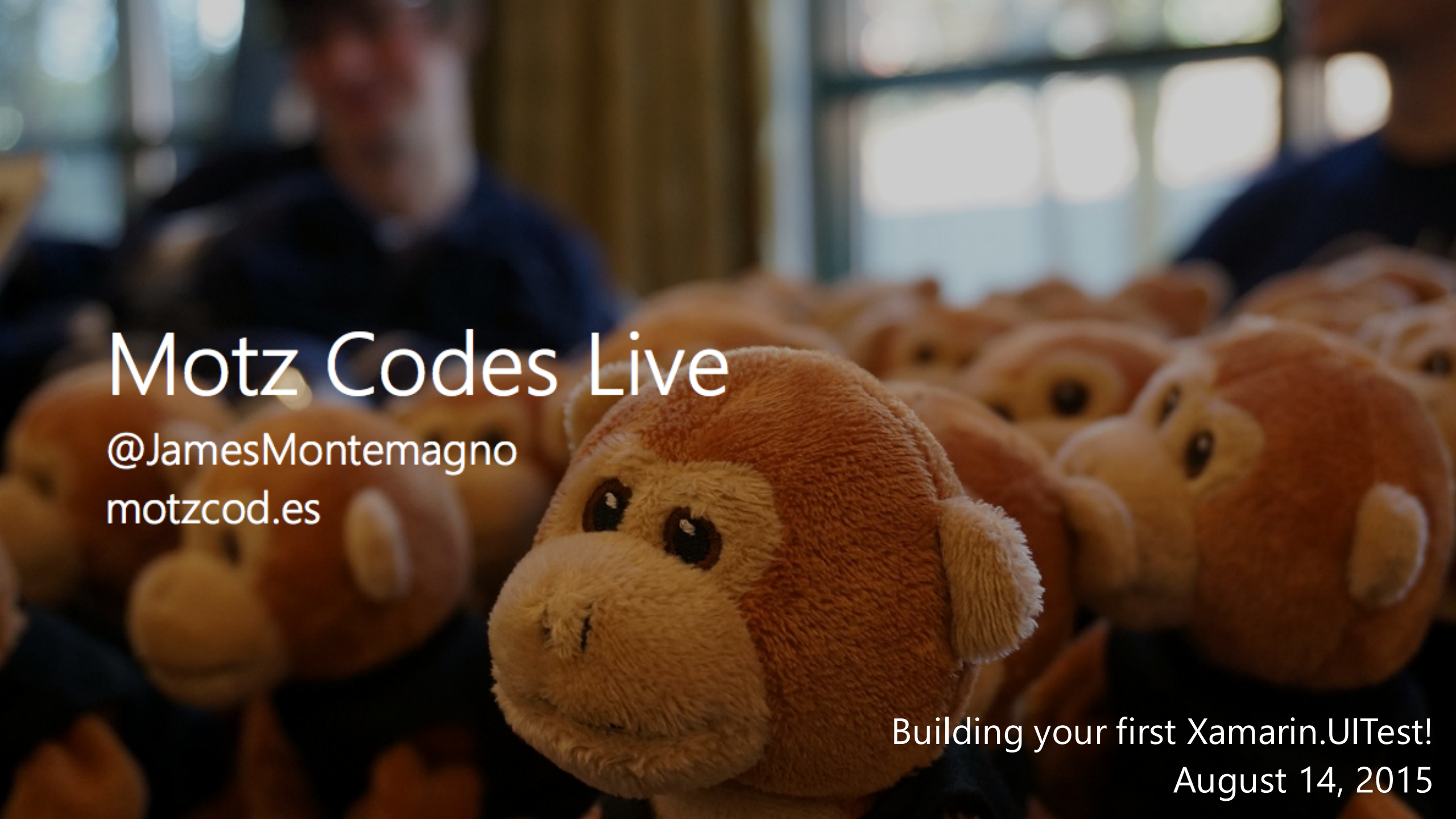


Motz Codes Live

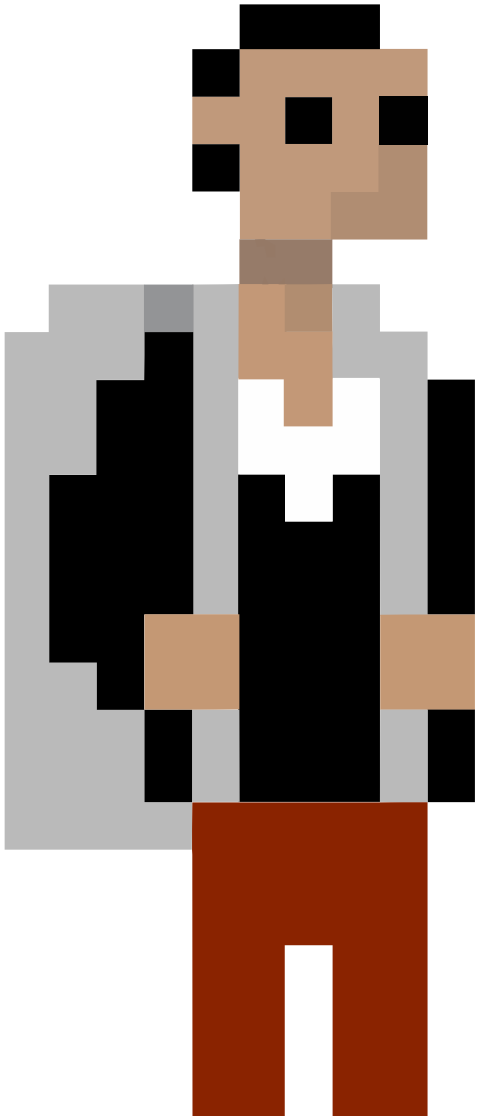
@JamesMontemagno

motzcod.es

Building your first Xamarin.UITest!

August 14, 2015

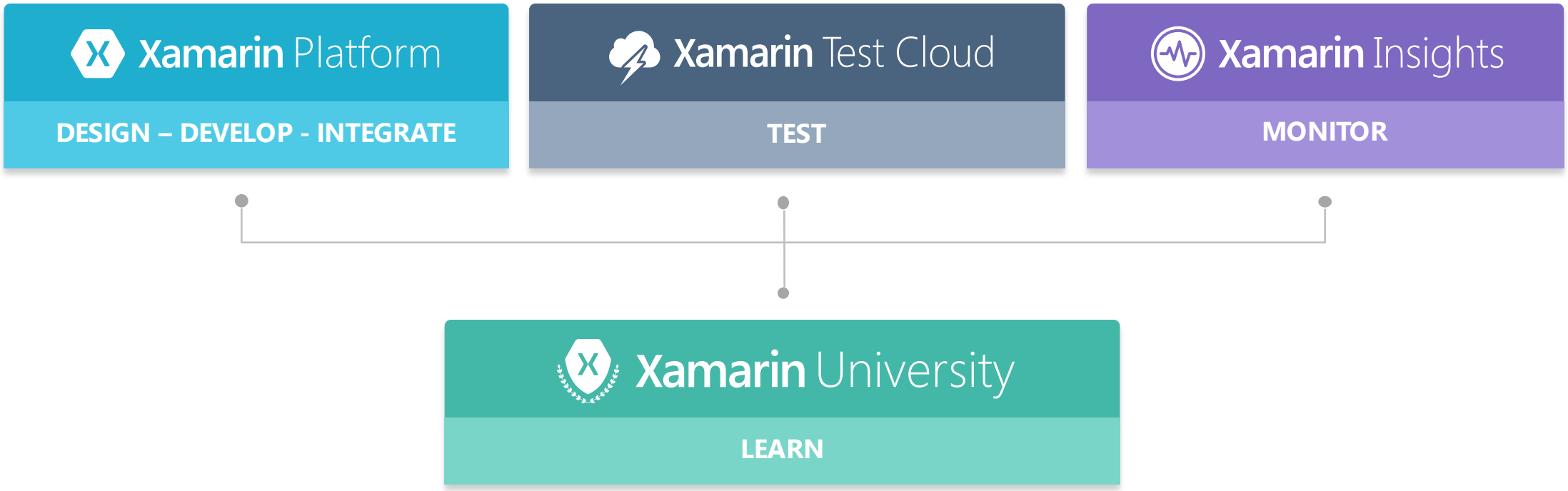
Who is Motz?



James
Montemagno
Developer Evangelist, Xamarin

james@xamarin.com motzcod.es @JamesMontemagno

Xamarin – Your Complete Mobile Solution



Mobile Quality Challenges

Challenges

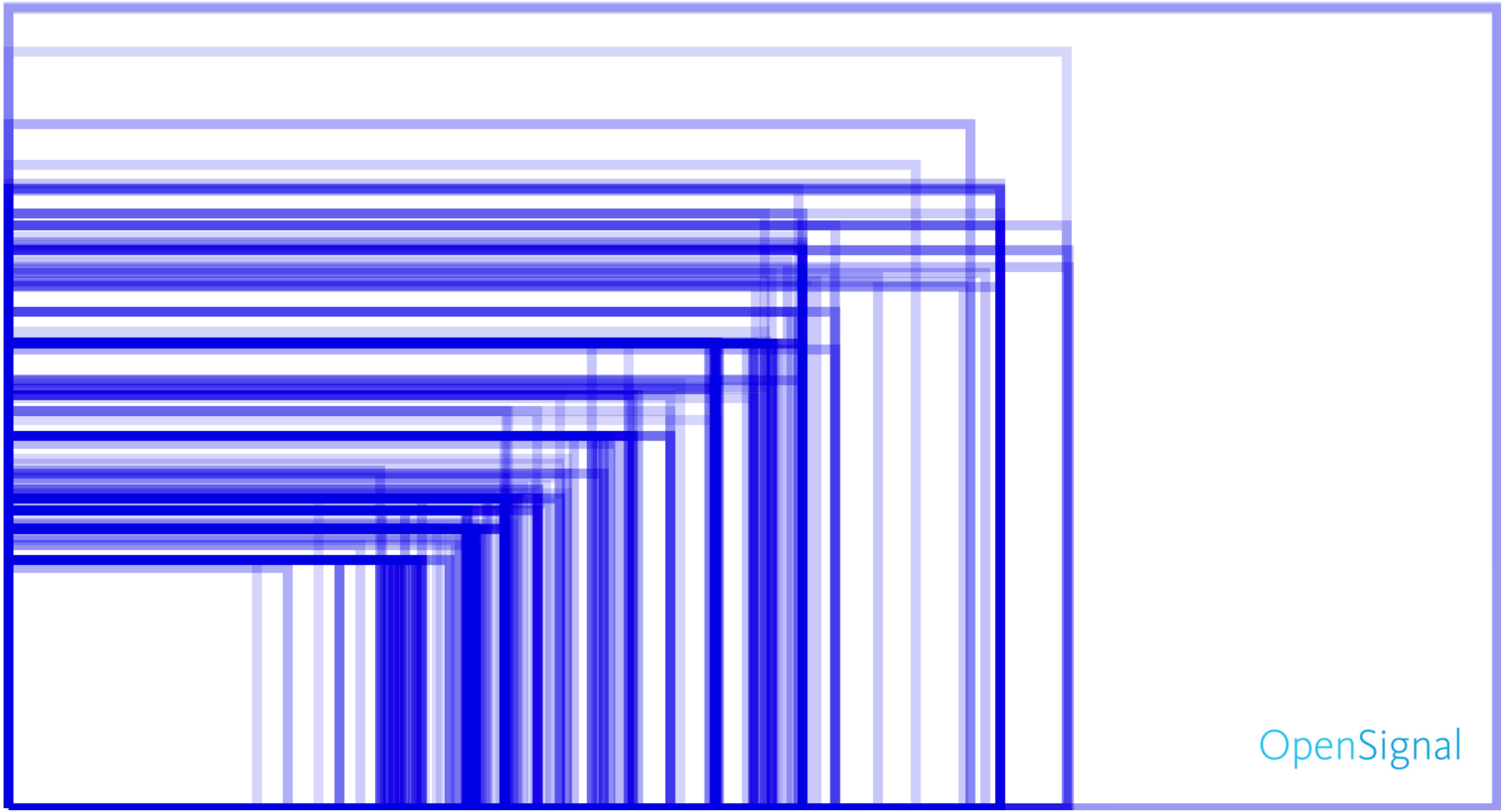
- Device Fragmentation
- App Complexity
- Fast Release Cycles
- Short Sessions
- High Mobile User Expectations

On Mobile, Quality is Hard

- 5 OS versions
- 20 Devices
- 20 Languages
- 35 Locales
- 6 Screen sizes

- 9 OS versions
- 24K+ Distinct devices
- 39 Languages
- 57 Locales
- 27 Screen sizes
- 1,294 Brands
- 6 Screen configurations

Galaxy S III
Galaxy S5
SM-G530H
Galaxy Note 3
Galaxy S4
Galaxy S4
Moto G
Moto G
GT-S7580
D6503
Moto G
SM-N9005
SM-G355H
Galaxy S II
SM-G7102
GT-I8262
GT-N7100
GT-S7582
G3
Galaxy S5
One
Galaxy Y
C6903
G2
K012
One (M8)
GT-I8552B
S6 Edge
A536
X
ZenFone 5
One
A369i
D2303
Z970
XL
GT-I9190
C5303
XT1080
XT1254
SM-T211
D5803
Moto E


OpenSignal

Tap

Scroll

Swipe

Pinch

Multi Finger

Text Entry

Rotation

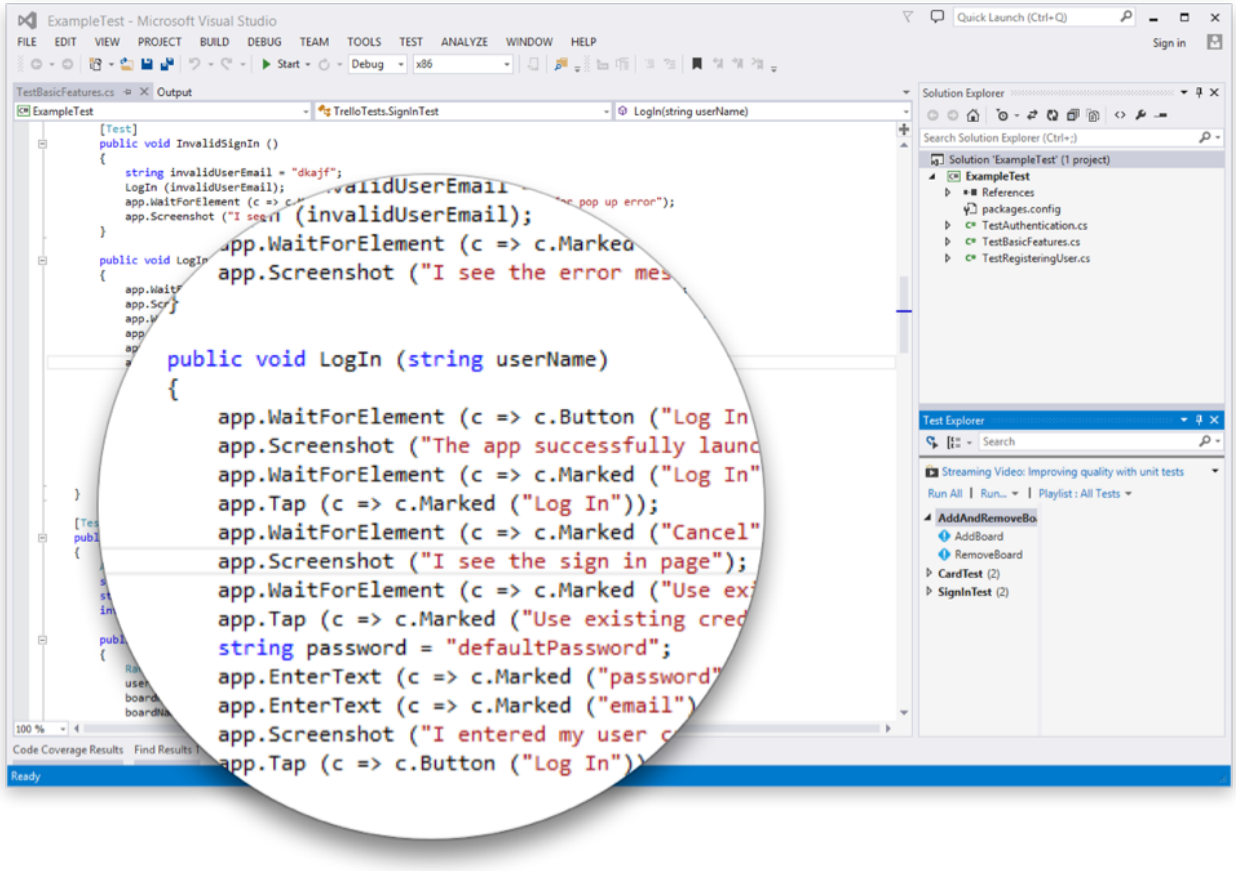
GPS

Language

Currency

Network Condition
(coming soon)

Introducing Xamarin.UITest



Create Automated User Interface tests all in C#

Upload to the Test Cloud or run against a Device or Simulator

Run directly from Visual Studio or Xamarin Studio

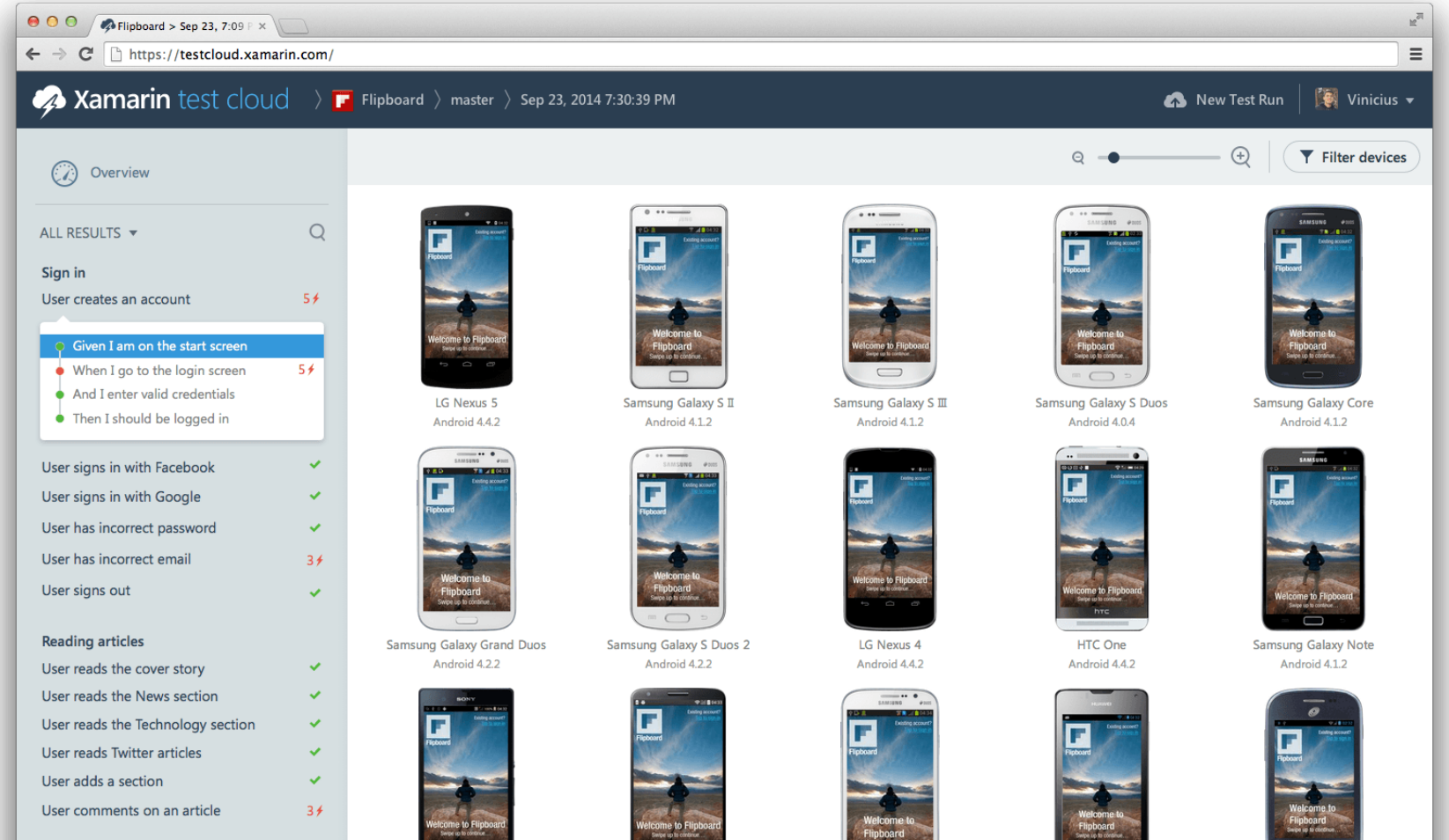
FREE to use a Simulator*

Works on ANY app: Native, Hybrid, or Xamarin

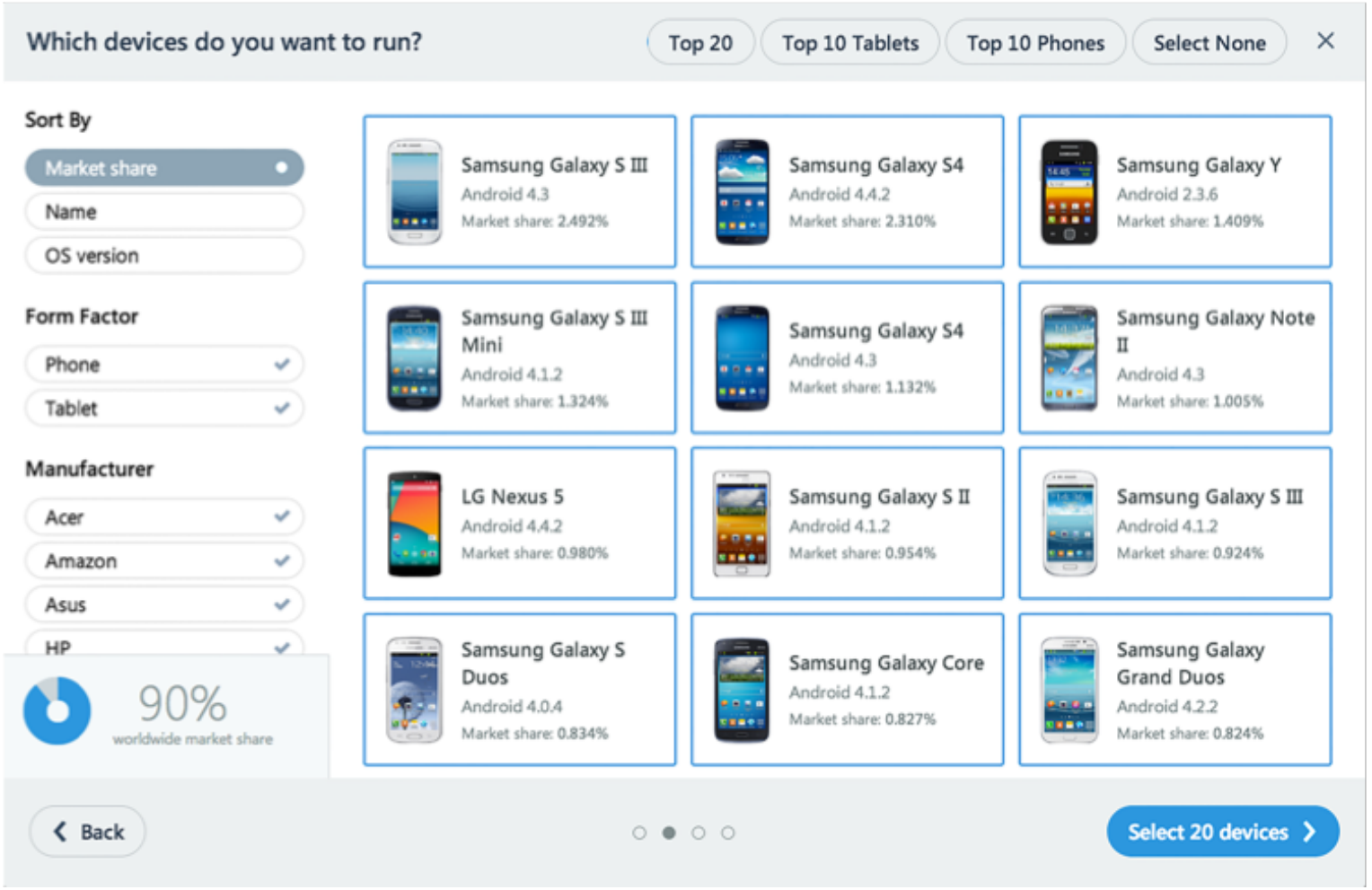
Let’s build our first Xamarin.UI TEST!

Xamarin Test Cloud

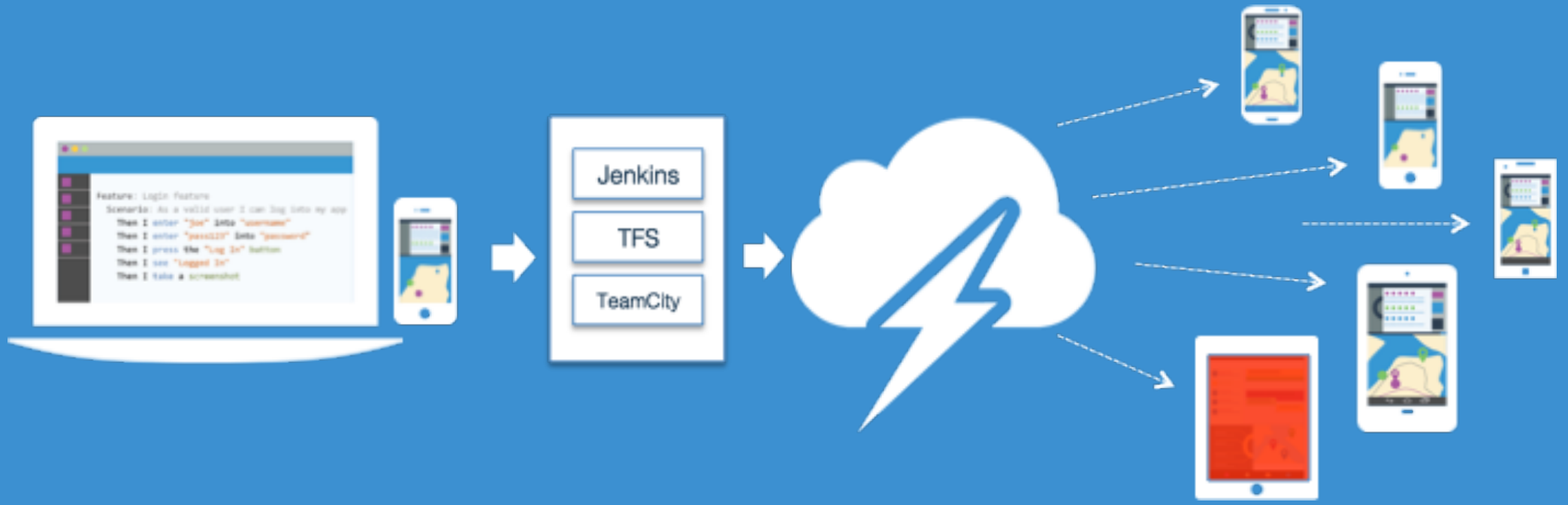
xamarin.com/testcloud



Devices on Demand



Built in Continuous Integration



To the Test Cloud!

Win a ticket to Evolve 2016!

Tweet a photo of an app in Test Cloud and include:

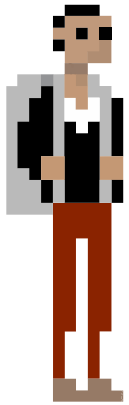
- @XamarinHQ
- hashtag #TestCloud

http://bit.ly/xtc-contest

Resources

- Xamarin Developer Portal
  - http://developer.xamarin.com/testcloud/
- Meetup Manager:
  - https://github.com/jamesmontemagno/MeetupManager
- Xamarin.UI & Xamarin Test Cloud Webinar
  - Wednesday, August 26, 2015
  - 8:30 am PT / 11:30 am ET
  - With Steven Yi from Xamarin
  - http://bit.ly/xtc-august

Thank you. **Questions?**



James
Montemagno
Developer Evangelist, Xamarin

james@xamarin.com motzcod.es @JamesMontemagno