3rd UCAAT User Conference on Advanced Automated Testing

ETSI World Class Standards

Sophia Antipolis, French Riviera
20-22 October 2015

FROM 3 STARS RATING TO 5 STARS IN THE APP STORE

Presented by Javier Moscardó

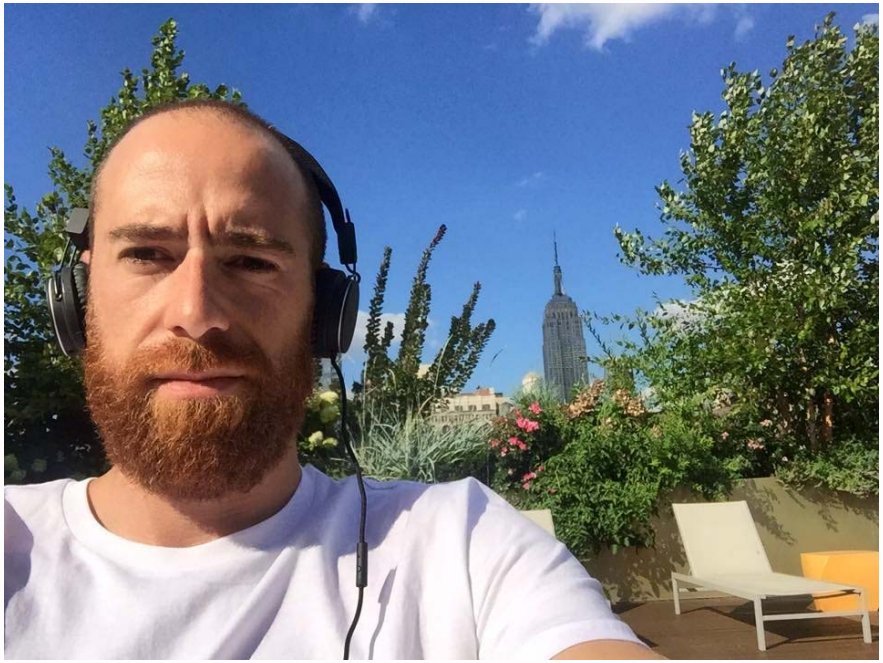
Spotify

© All rights reserved

Javier Moscardó

- Quality Engineer at Spotify since 2014
- Software developer background

@Javi_Mosca



© All rights reserved

How can we be better at testing?

© All rights reserved

3 stars

- Different VCS repos for the client code
- No Continuous Delivery
- Too long release cycles
- Barely automated testing

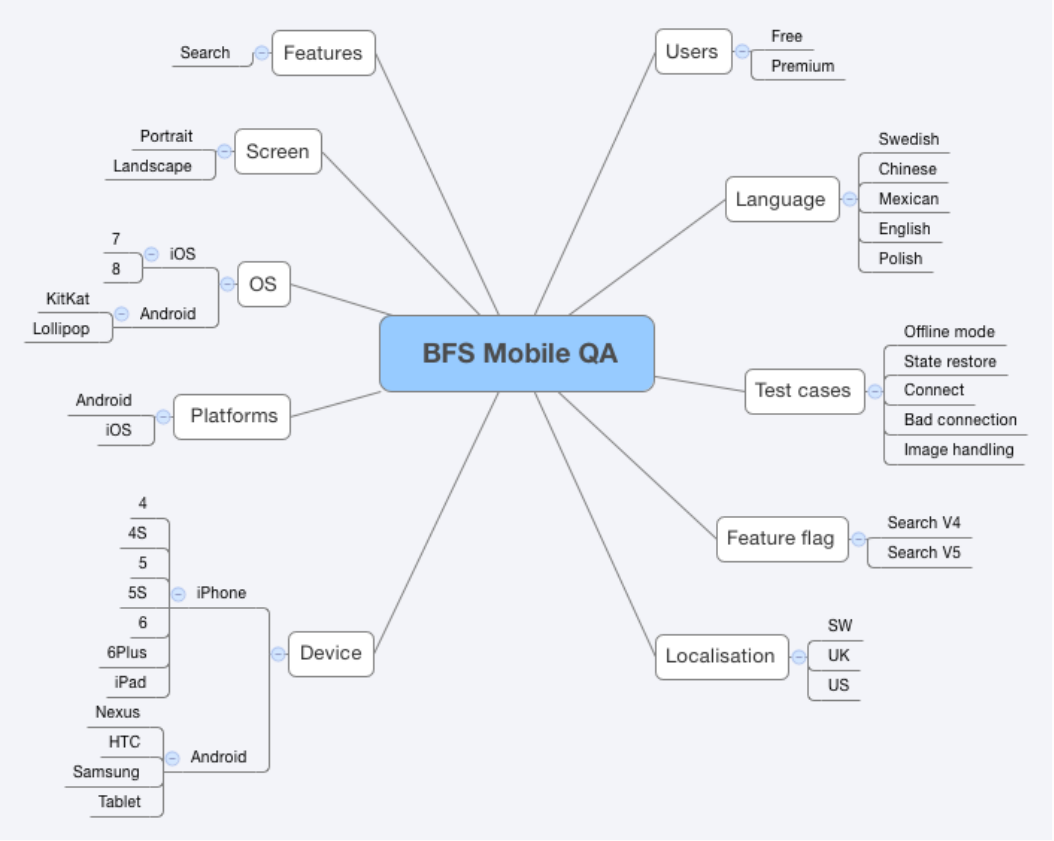
© All rights reserved

Why?

We affect a **lot** of users and we **care** about them

© All rights reserved

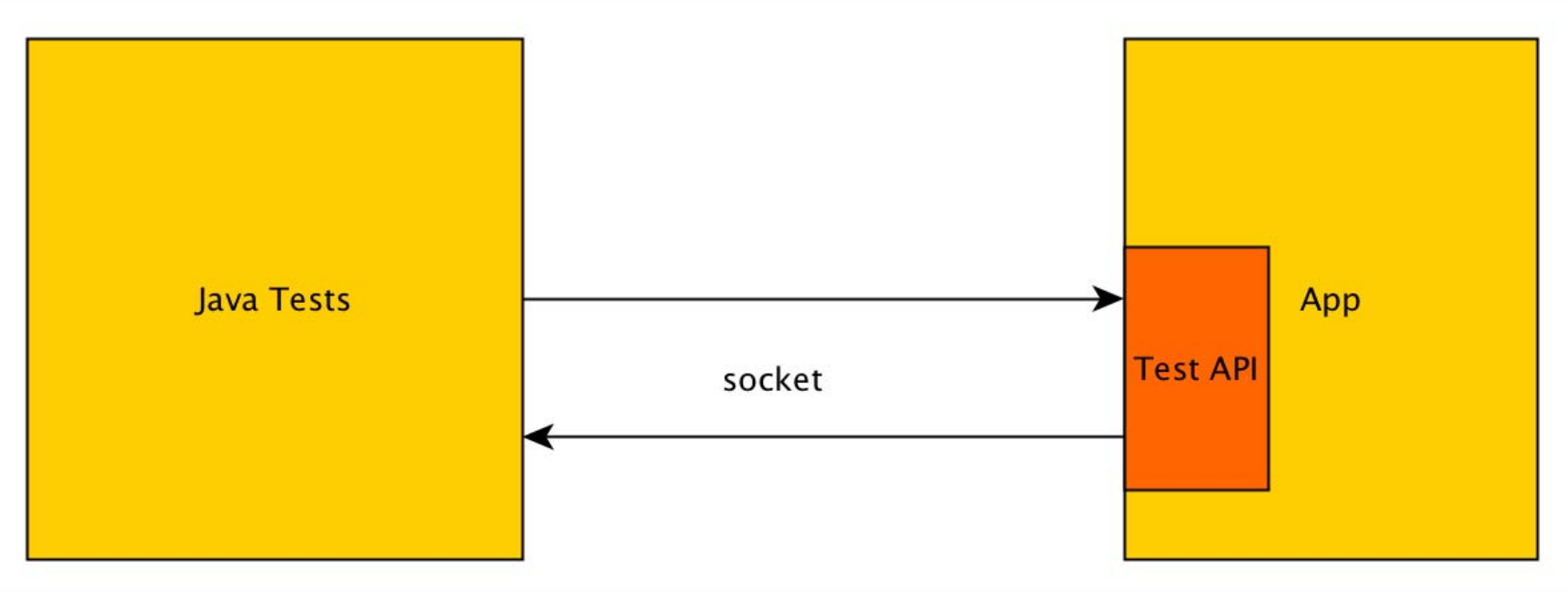
What to test



© All rights reserved

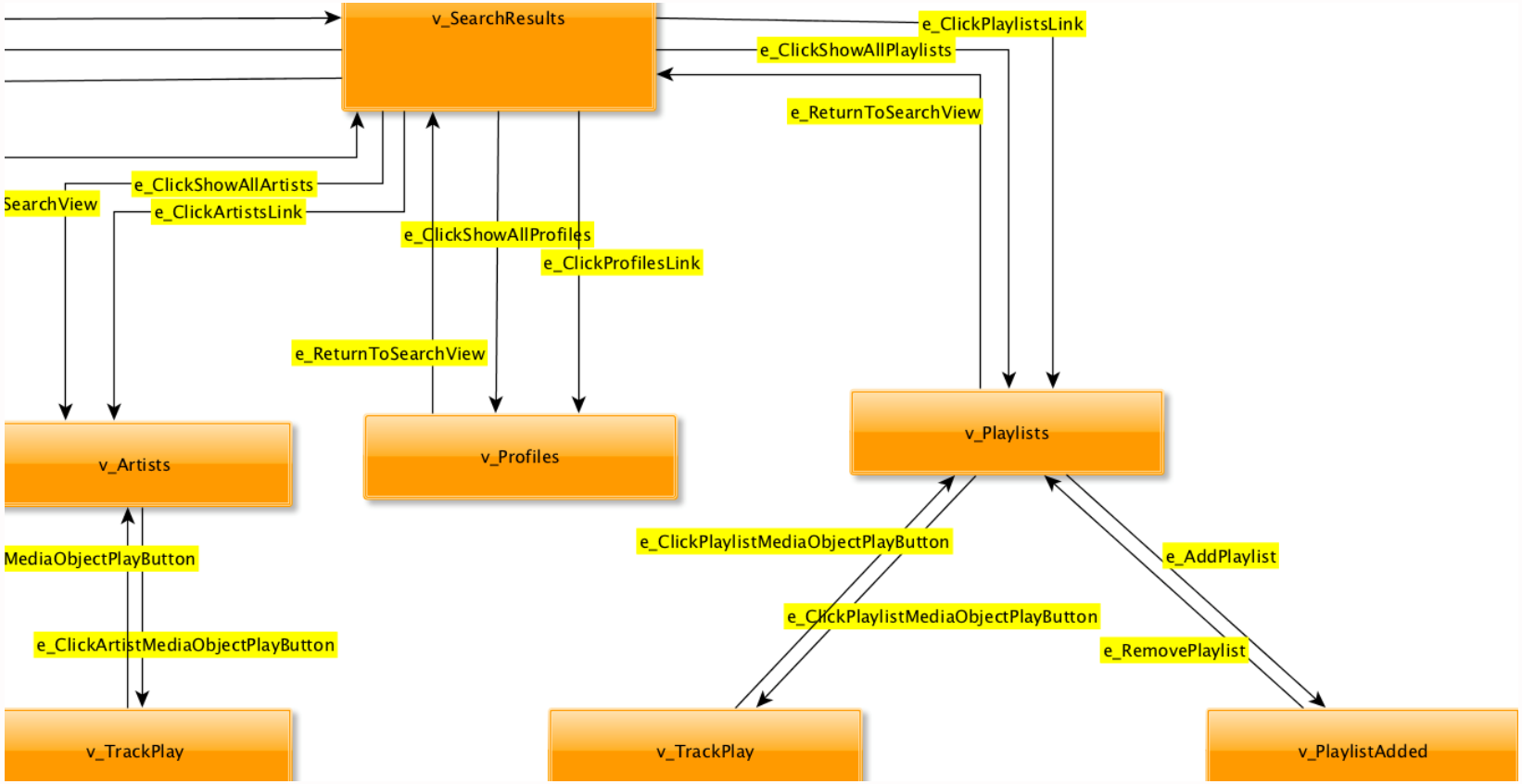
© All rights reserved

What have we done?



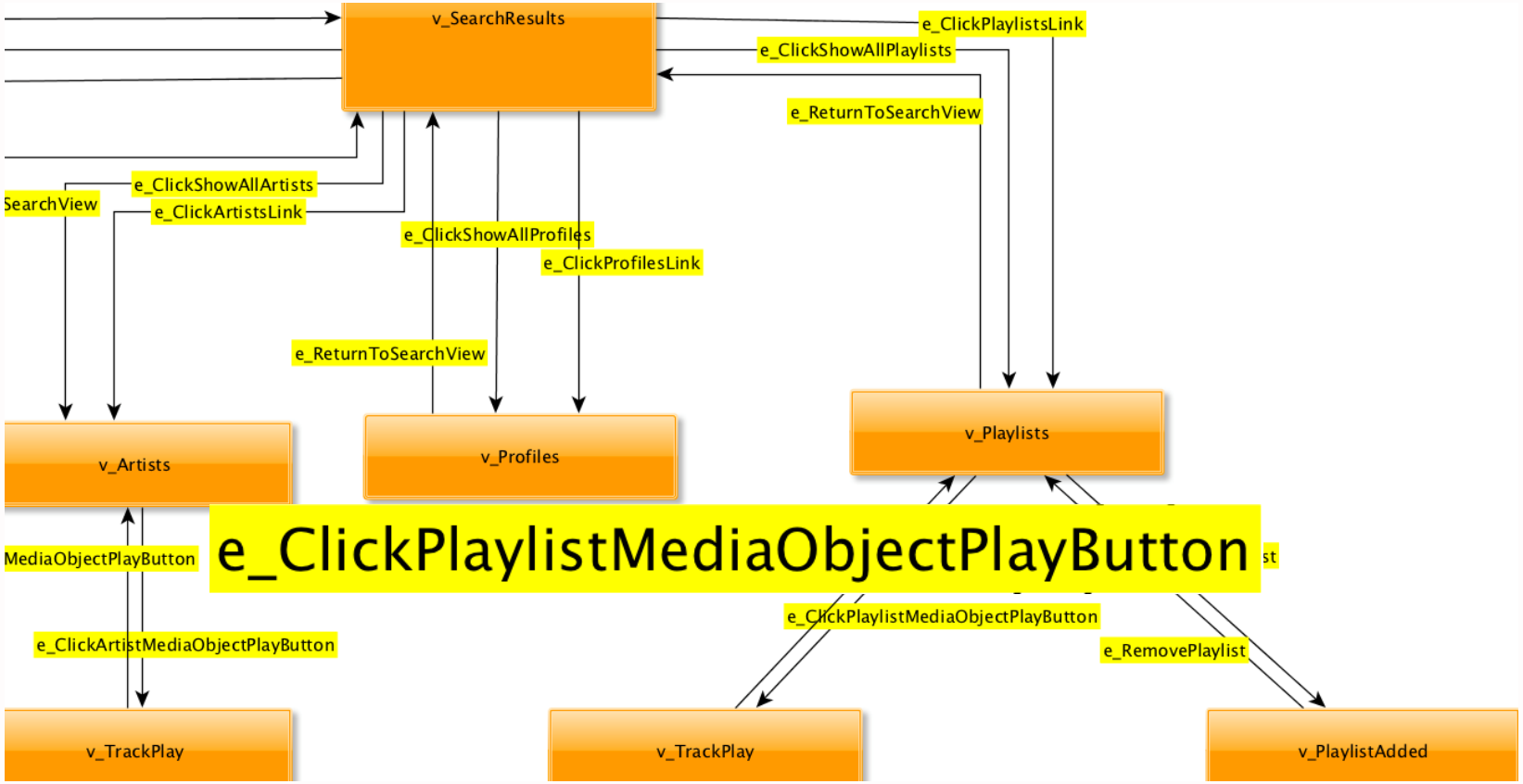
© All rights reserved

First MBT Model



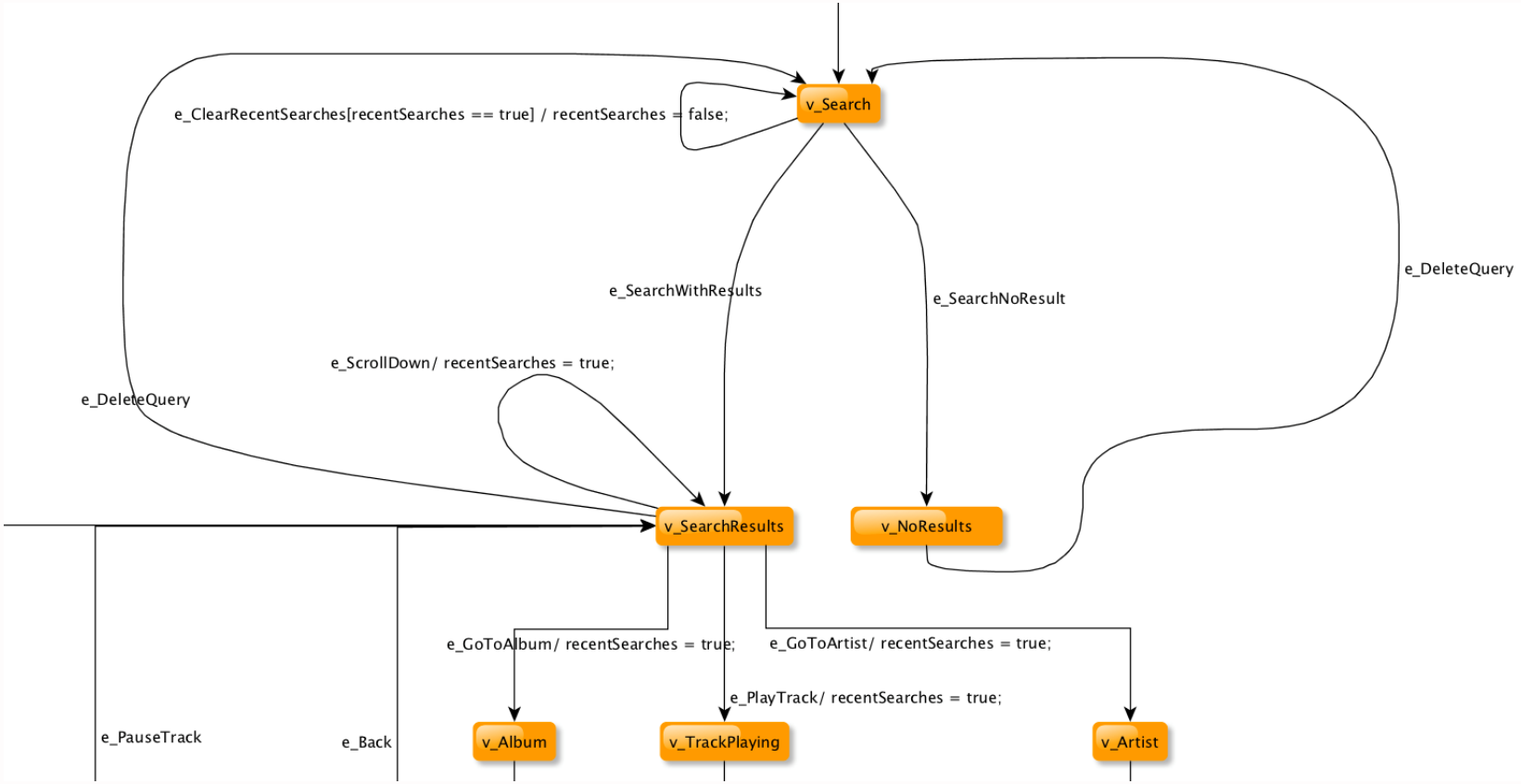
© All rights reserved

First MBT Model



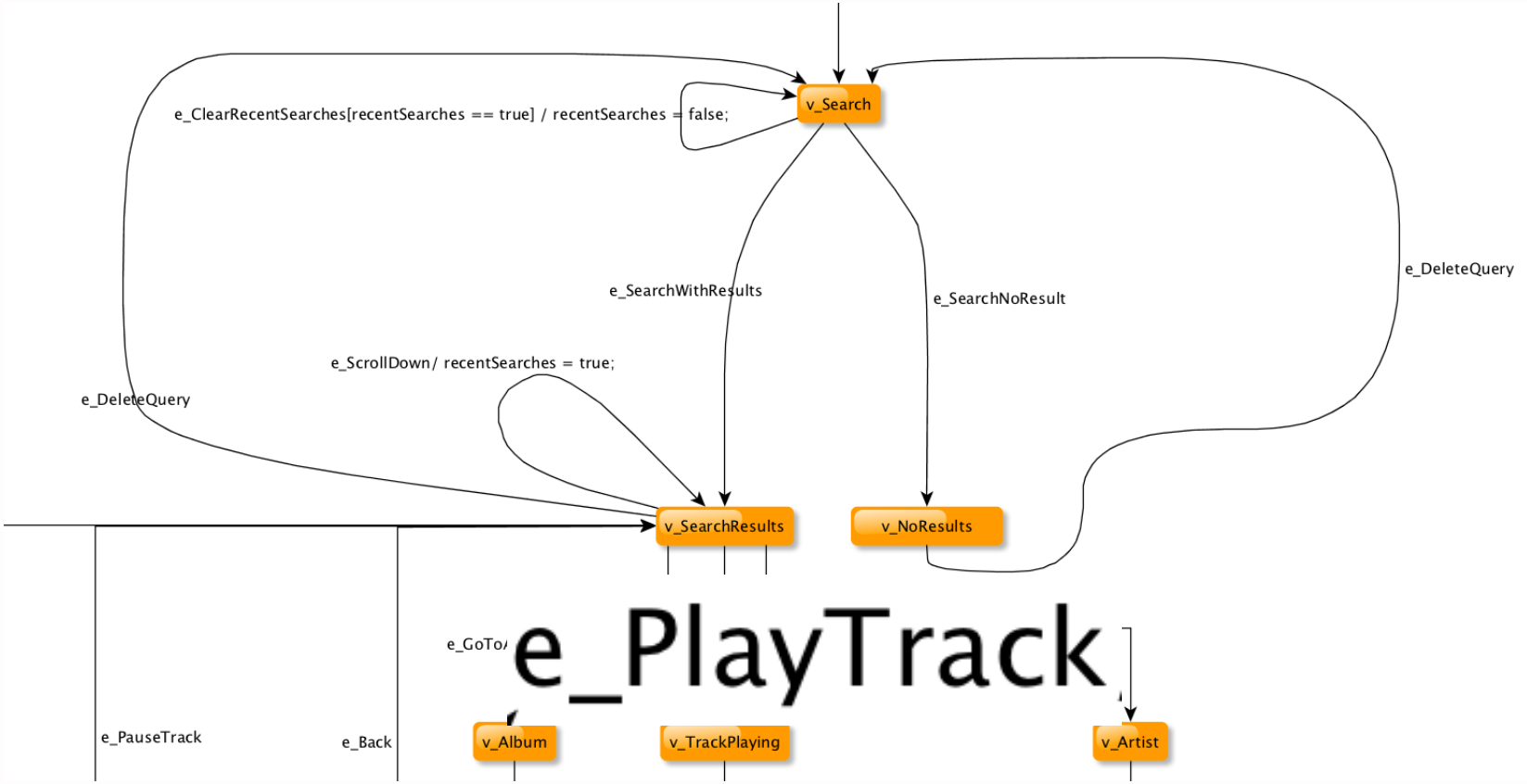
© All rights reserved

Current MBT Model



© All rights reserved

Current MBT Model



© All rights reserved

4 stars

20-22/10/2015
© All rights reserved

When to execute them?

GitHub

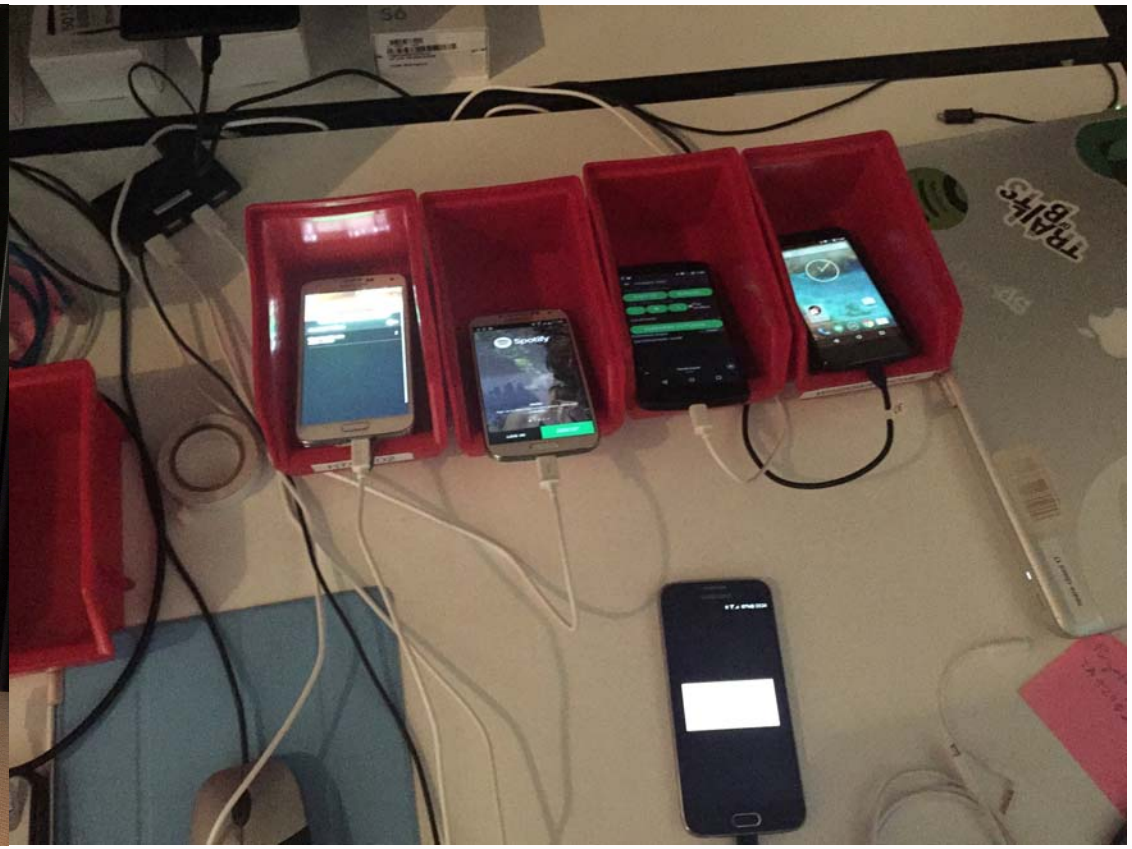
+

TeamCity

Continuous Delivery

© All rights reserved

Where?



© All rights reserved

Test reports

Spotify | Index | Last tests | Last suites | Create Dashboard | Search for suites: Search

This table displays the results of the TA-tests for iOS TA master, Results within 8 hours are showing.

Change the hours of the dashboard: Update Hour Suite Name Filter: ok

Edit Dashboard

	iPadSim	iPhoneSim
	8.1	8.1
@Album		
@Artist		
@Genre		
@Login	199P/1F	
@Playlist		
@Profile		
Account: testBuyPremium		
Account: testPremiumTrial		
Account: testPremiumUser		
Account: testStartTrial		

© All rights reserved

5 stars

© All rights reserved

Next steps

© All rights reserved

Testing is simple

You understand what is important, then you **test** it,

then, if possible,

you **automate** it

© All rights reserved

Sources

- Graphwalker. http://graphwalker.org/
- GitHub Enterprise. https://enterprise.github.com/
- TeamCity. https://www.jetbrains.com/teamcity/
- Nu Remote. https://github.com/nevyn/NuRemoting
- Engineer Culture at Spotify. https://labs.spotify.com/2014/03/27/spotify-engineering-culture-part-1/

© All rights reserved

Q&A

From 3 stars rating to 5 stars in the app store

© All rights reserved