

My experience testing a product that became three, thanks to mobile

Anastasia Chicu



XING 



Purpose

share practical experience of testing
mobile apps in an extended team



Anastasia Chicu

PREMIUM

Meine Startseite

Meine Kontakte 1

Meine Nachrichten 1

Mein Premium

Stellenmarkt

Events 14

News

Gruppen

Unternehmen

Projekte

Campus

Für Unternehmen

Eventmarkt Ihre Events 2 Einladungen 2 Für Veranstalter 10

Der Marktplatz Nr. 1 für Business-F

Entdecken Sie Events, die zu Ihnen passen

Thema oder Branche des Events Veranstaltungsort

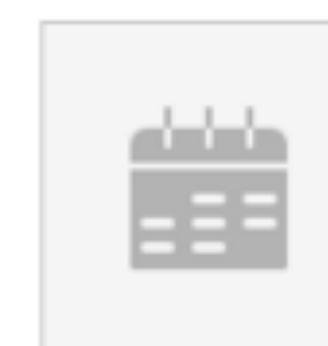
20.958

- Konferenzen und Kongresse
- Messen und Ausstellungen
- Seminare, Workshops und Vorträge
- Networking-Veranstaltungen

PREMIUM

Sparen Sie bis zu 20% auf Ihre Events

Events in Ihrer Nähe



Internet Income Intensive
Munich January 2017
So, 15.01.2017 - Mo, 16.01.2017
Munich



ISTQB® Certified Tester Foundation Level
Mo, 27.02.2017 - Mi, 01.03.2017
München

90+ apps,
each with its own
repo and DB



The unleashed teams



More product knowledge

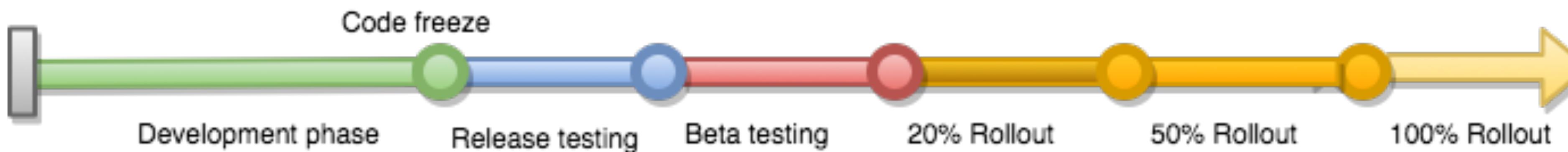


More agile process



Team ownership

The Release Train timeline and requirements

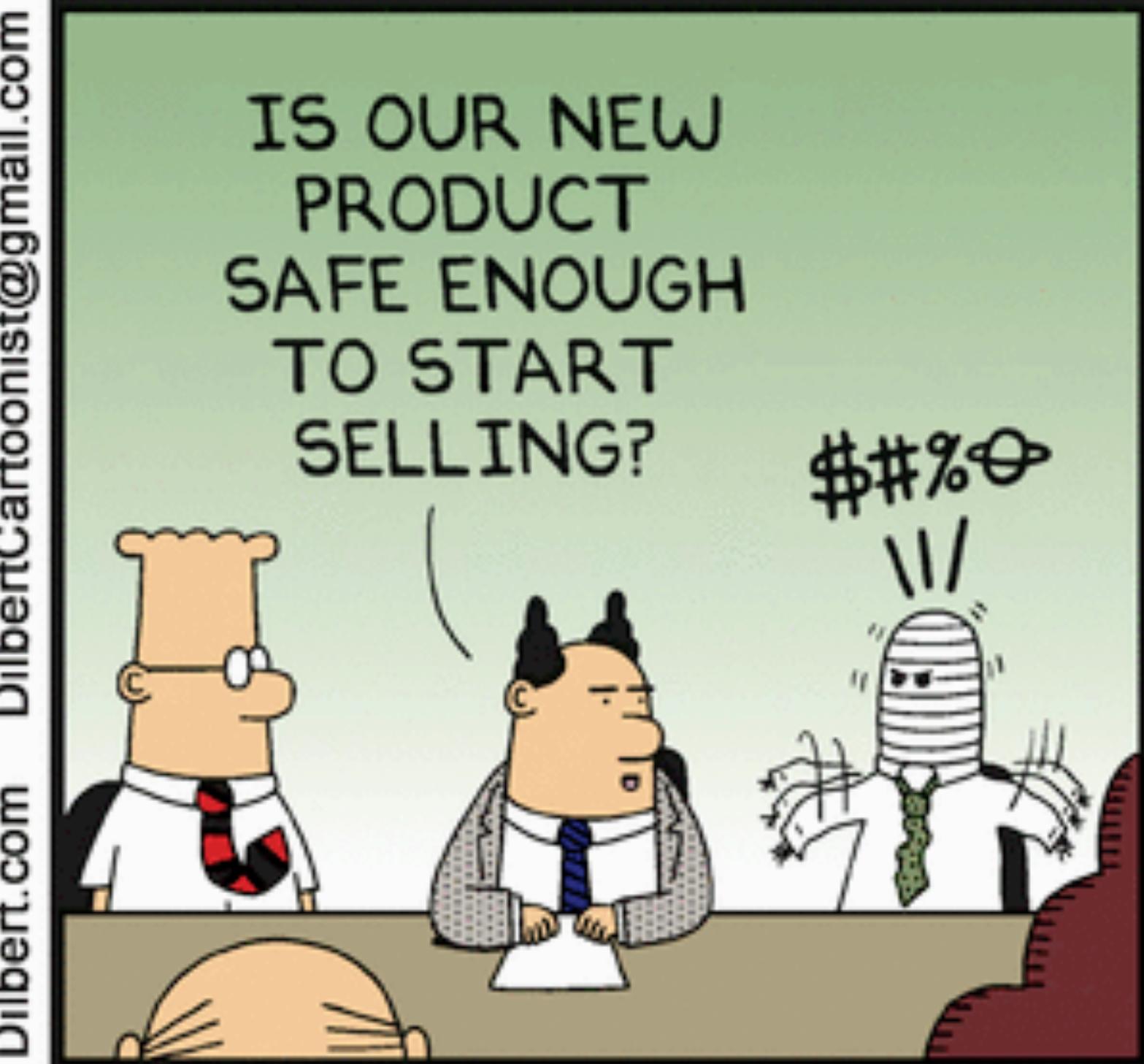


THIS IS RODNEY.
HE'S IN CHARGE OF
PRODUCT SAFETY
TESTING.



Dilbert.com DilbertCartoonist@gmail.com

IS OUR NEW
PRODUCT
SAFE ENOUGH
TO START
SELLING?



8.21.10 © 2010 Scott Adams, Inc./Dist. by UFS, Inc.

DID THAT
SOUND LIKE
"SHIP" TO
YOU?



My team's Approach:

The background of the slide features a photograph of a diverse group of nine professionals of various ages and ethnicities. They are standing in a row, each looking down at a different electronic device such as a laptop, tablet, or smartphone. The setting appears to be a modern office or a professional networking event.

Value-driven

... Risk-Based ...

Exploratory



The business
value:
where does
the money
come from?



The user
value:
what's in for them?



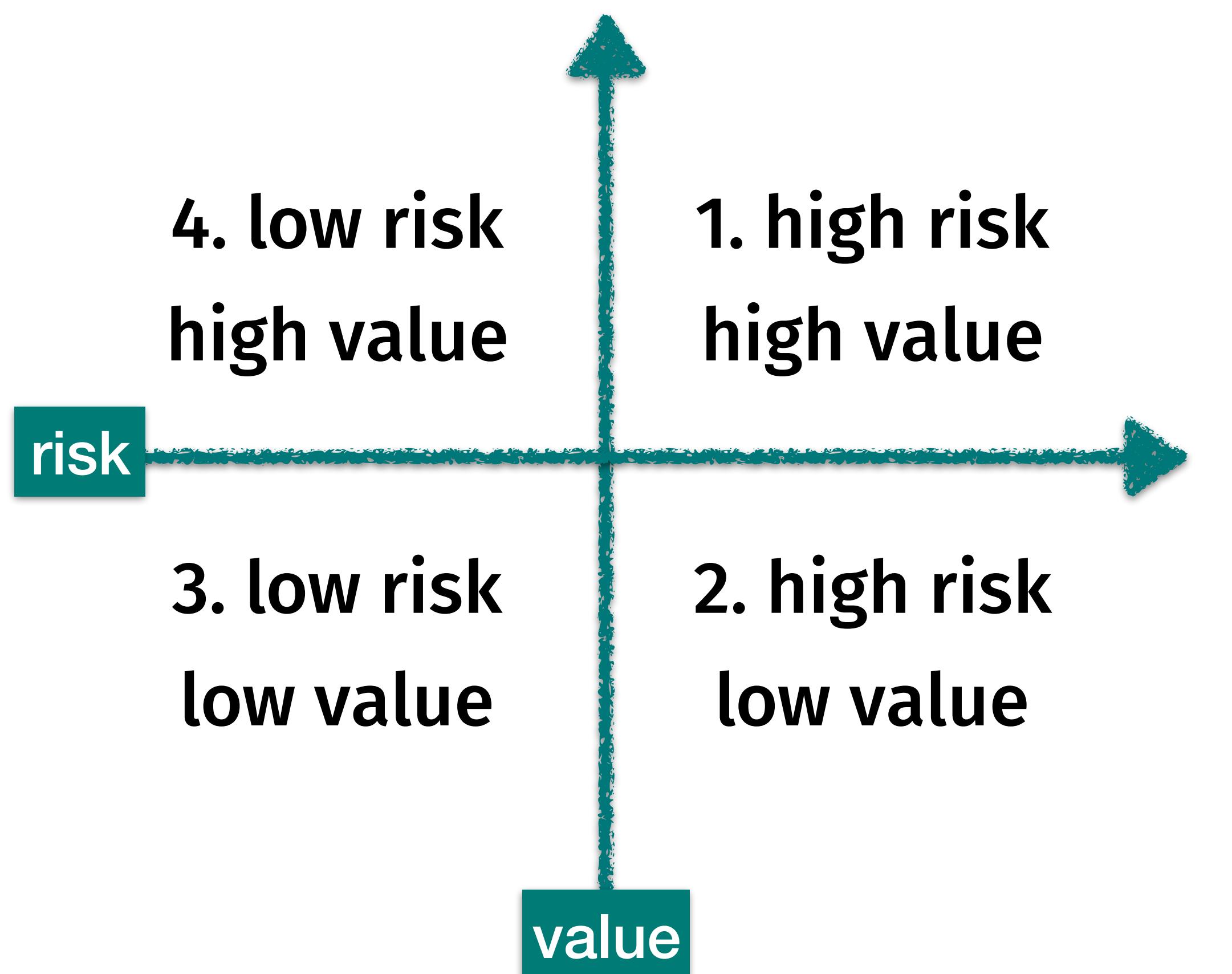
My team's Approach:

Value-driven

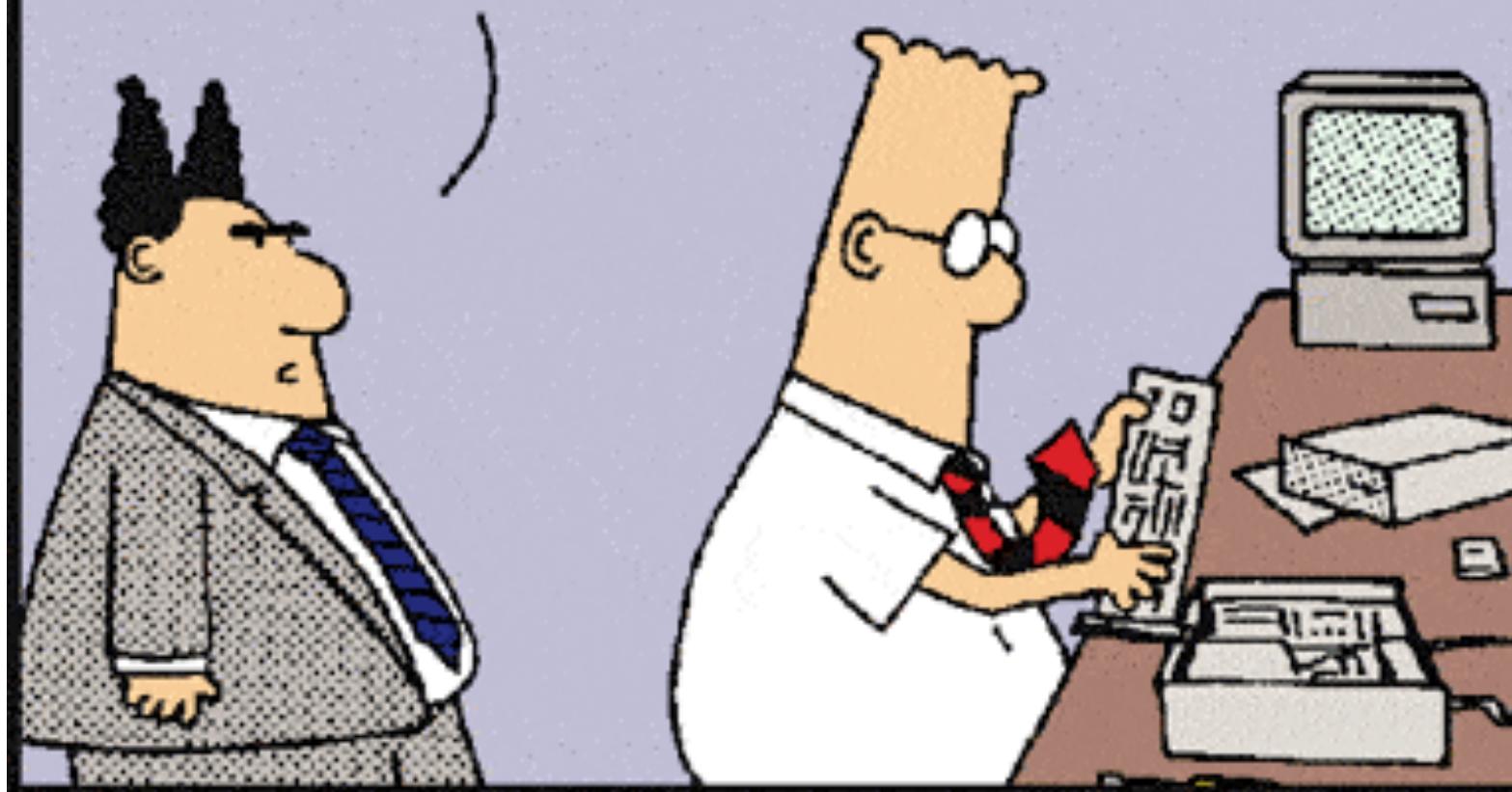
Risk-Based

Exploratory

Risk and Value



I AGREED TO SHIP
PROJECT "DEWDROP"
TO SOME CUSTOMERS
FOR BETA TESTING.



DIDN'T YOU READ MY
TEST REPORT? DEWDROP
EXPLODES WHEN YOU
PLUG IT IN.



WE'LL LIMIT
THE BETA
TRIAL TO
FRIENDLY
CUSTOMERS.



WE KILLED
ALL THE
FRIENDLY
ONES WITH
PROJECT
"DUCKY."



Android

iPhone

Windows

Web

Change History

Search...

+ New Feature Switch

Feature	Employees	Whitelist	Blacklist	Groups	Rollout
enable_app_icon_badges Will enable the App Icon Badges for Samsung Devices.	✗	2 users	0 users	0 group(s)	0%
enable_new_startpage_android_MVP_external Enables NSP MVP Version in Android which will be available from App Version 7.4.2 (Guinness) on	✗	0 users	0 users	0 group(s)	0%
messenger_secret_chat	✗	2 users	0 users	1 group(s)	100%
enable_profile_xing_id_v2 MVP feature scope of XING ID	✓	21 users	0 users	1 group(s)	100%
jobs_jobbox_saving_v7.4.0	✗	5 users	0 users	3 group(s)	0%
jobs_jobbox_v7.4.0	✗	6 users	0 users	3 group(s)	0%
jobs_myjobs_dev_enabled Enables MyJobs section which will replace bookmarks	✗	1 users	0 users	3 group(s)	0%
jobs myjobs saving dev enabled	...	3 users	0 users	3 group(s)	0%

Feature Switches
to diminish risk

My team's Approach:

The background of the slide features a photograph of a diverse group of nine people of various ages and ethnicities standing in a horizontal line. They are all looking down at their own individual electronic devices, which include tablets, smartphones, and laptops. This visual metaphor represents the 'exploratory' and 'value-driven' nature of the team's approach.

Value-driven

...

Risk-Based

...

Exploratory

Testing tours

- Gesture tour*
- Change your mind tour
- Orientation tour

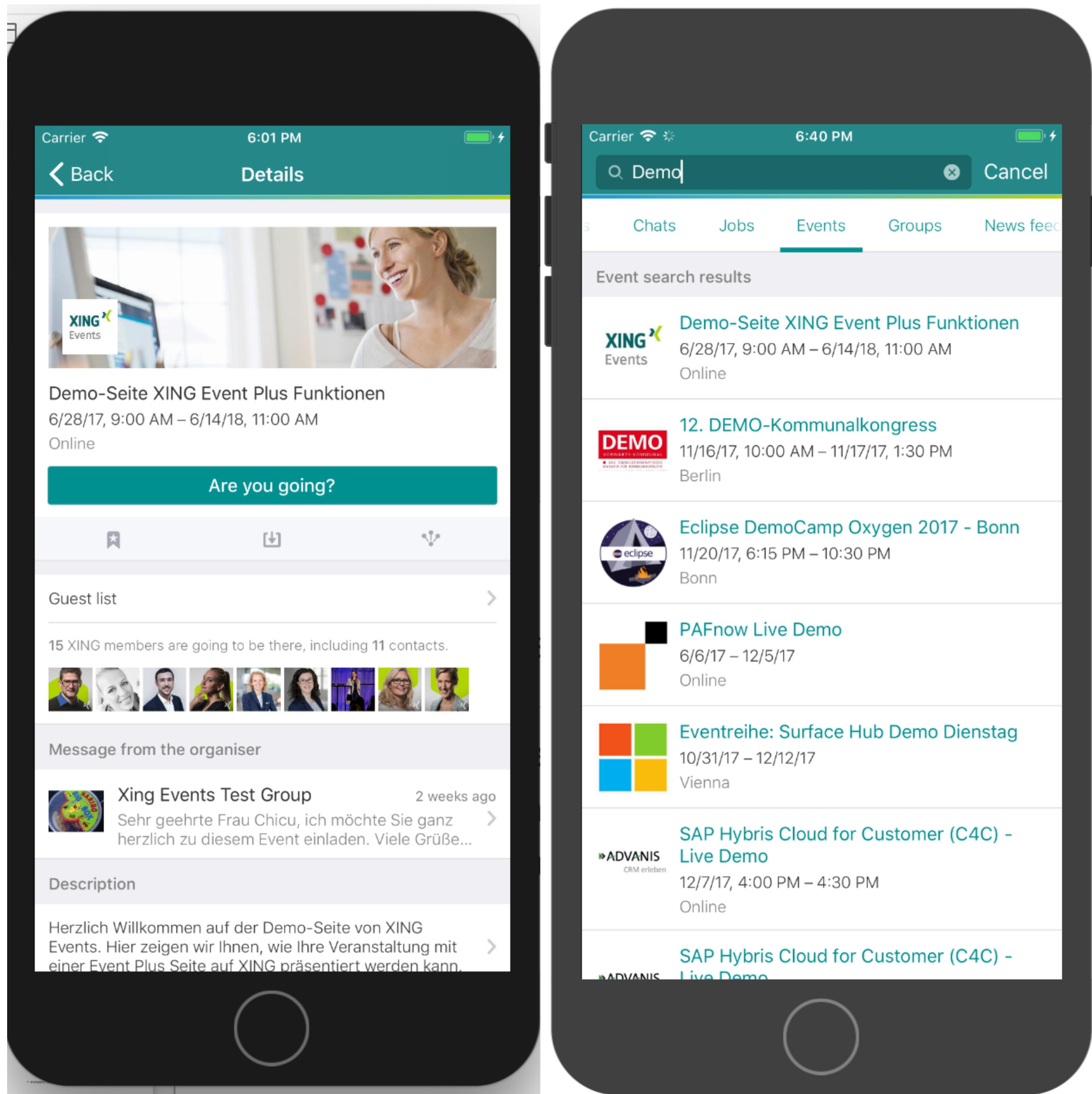
* from Bach/Kohl

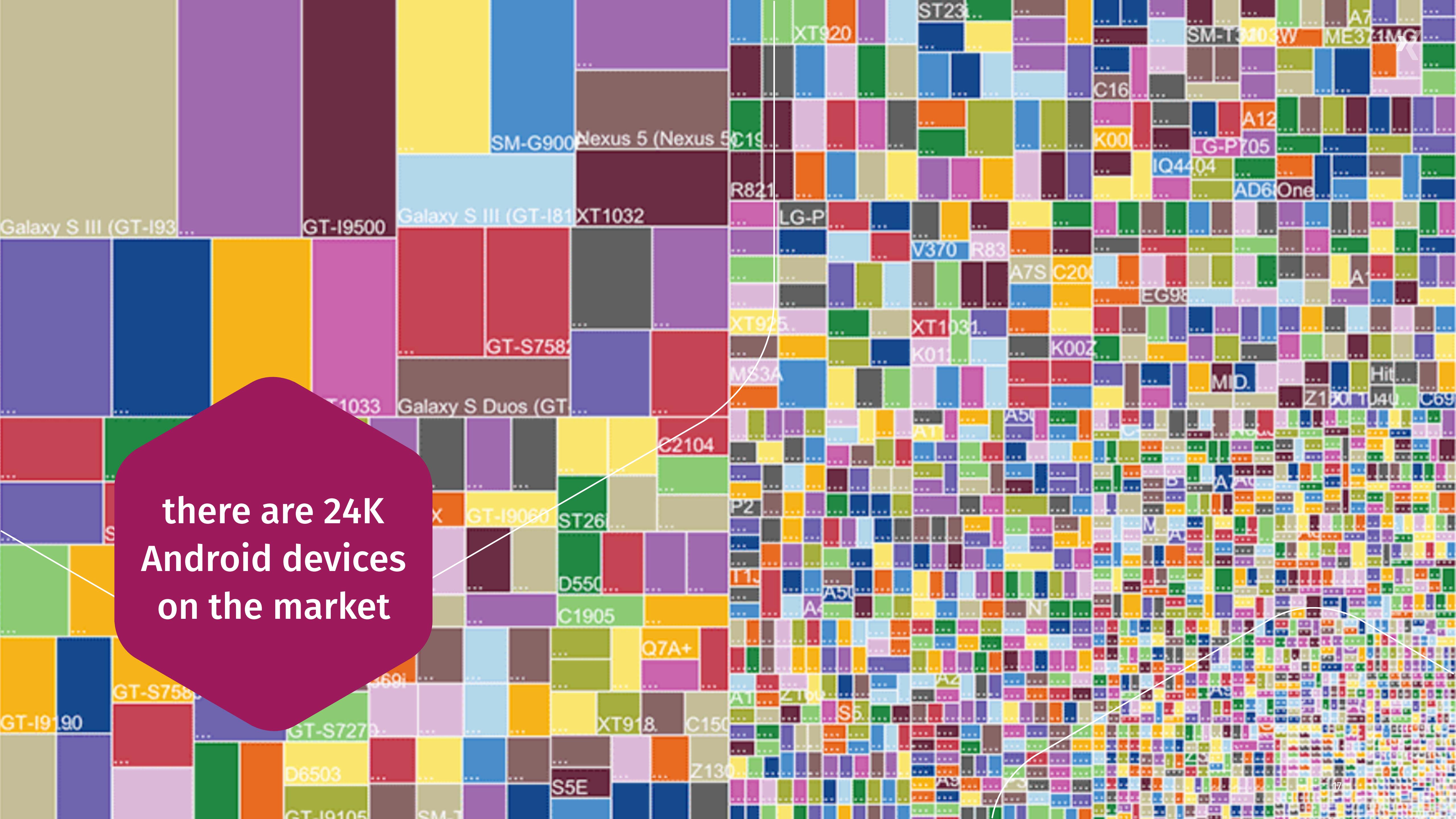


Testing mnemonics

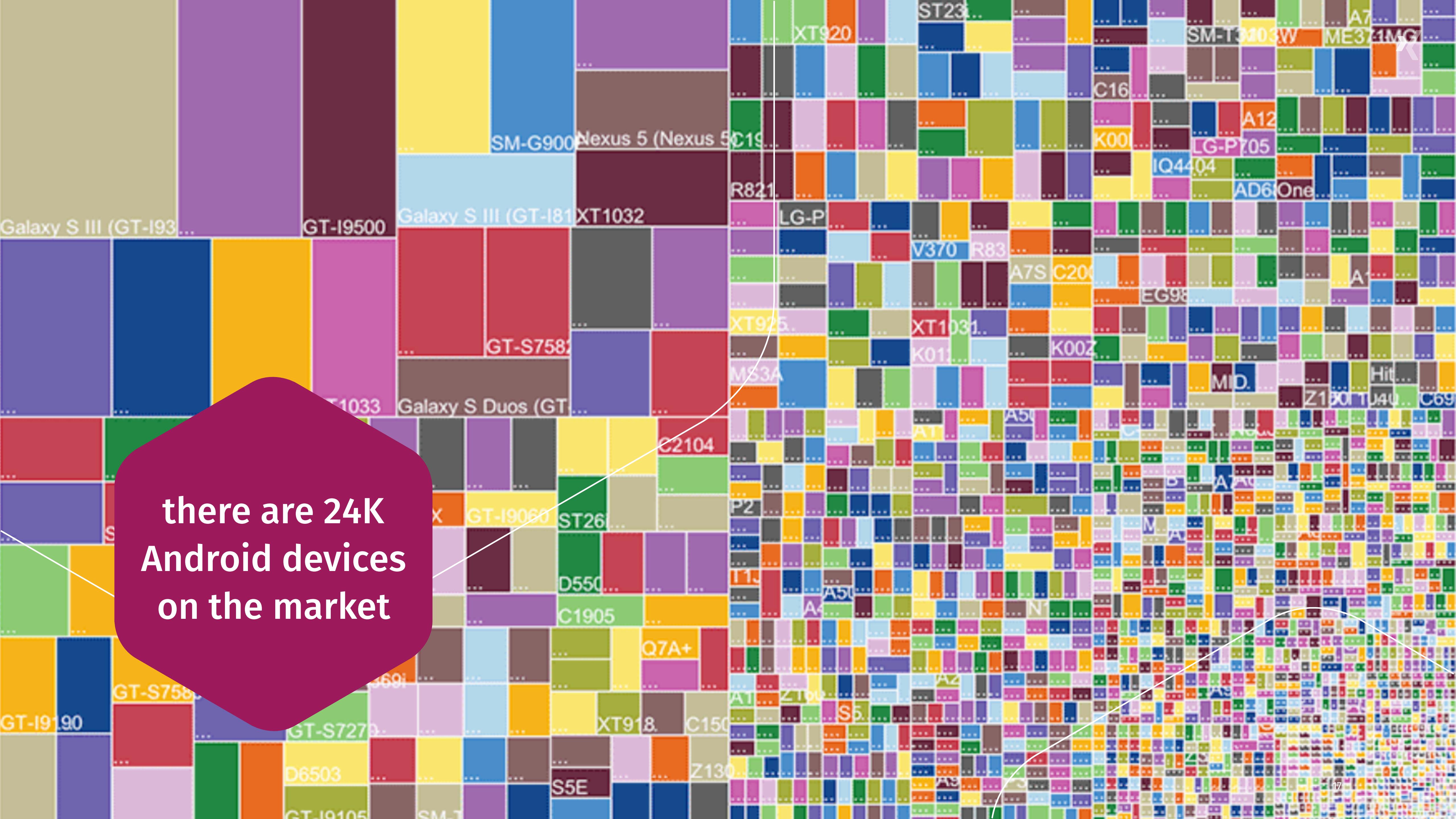
CUPID

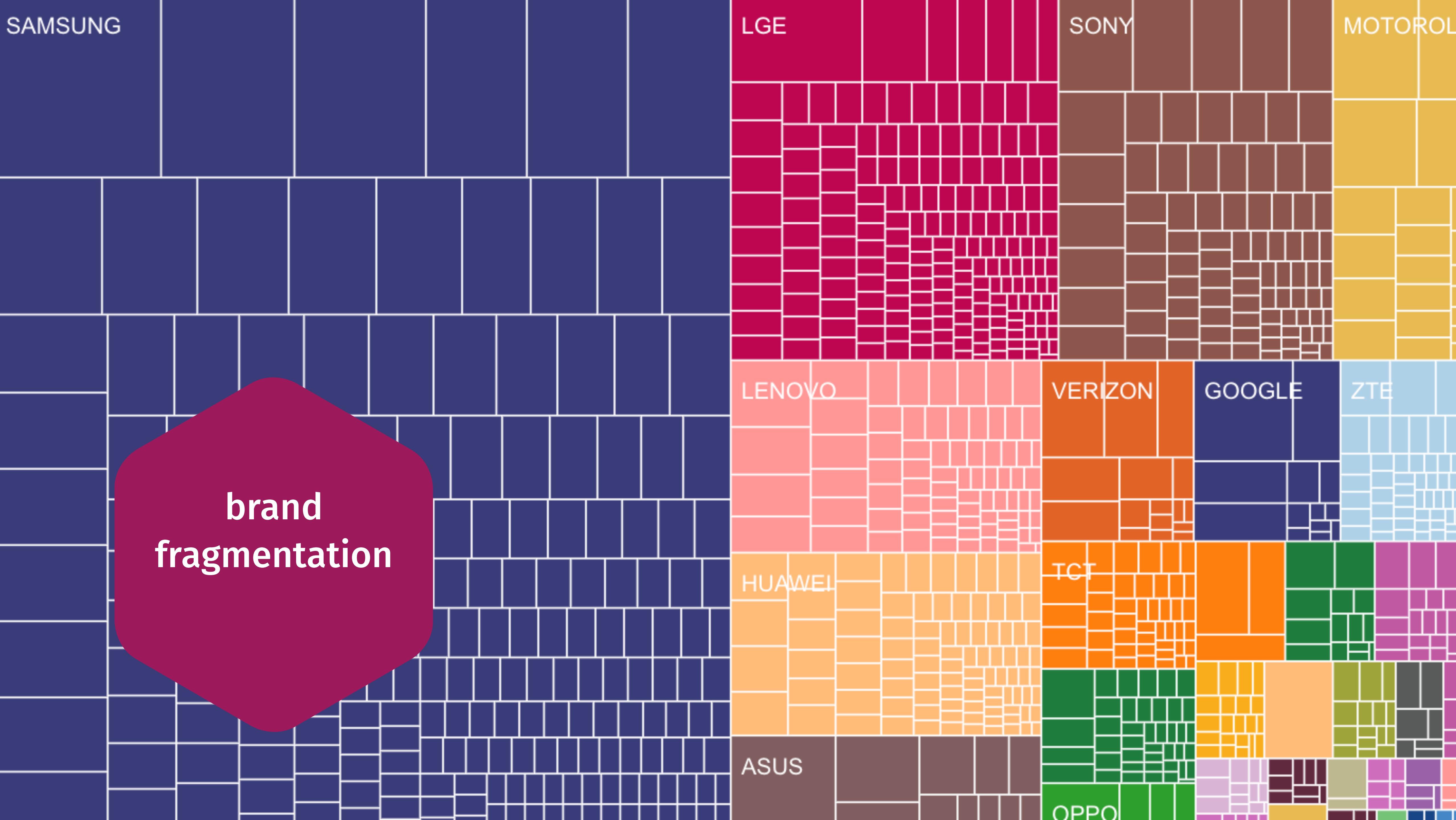
- Consistency
- Usability
- Platform
- Interruptions
- Data from the API





there are 24K
Android devices
on the market







Control

Devices

Settings



31

TOTAL DEVICES



6

USABLE DEVICES



0

BUSY DEVICES

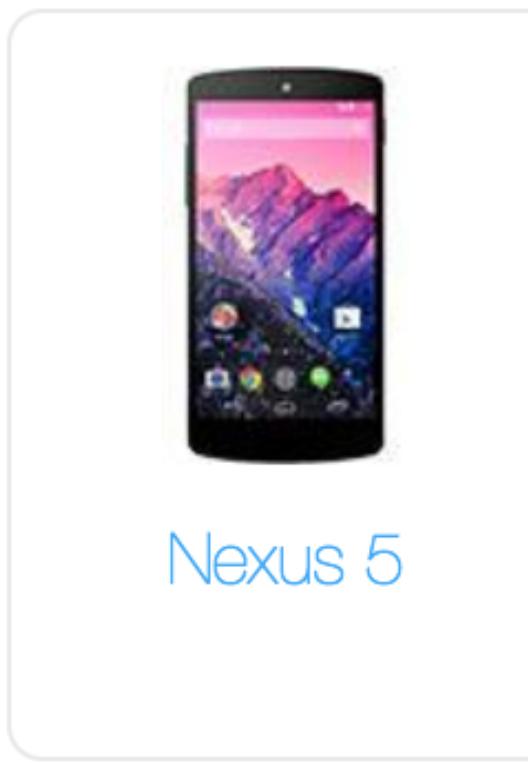


0

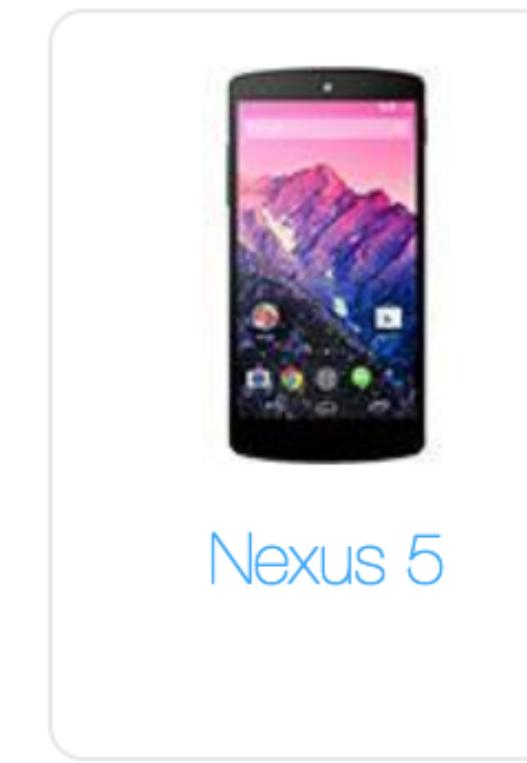
ANASTASIA

Devices

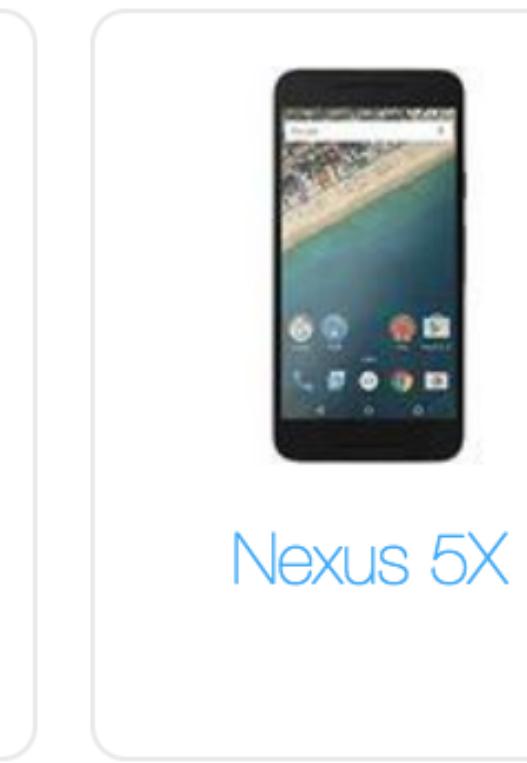
Details



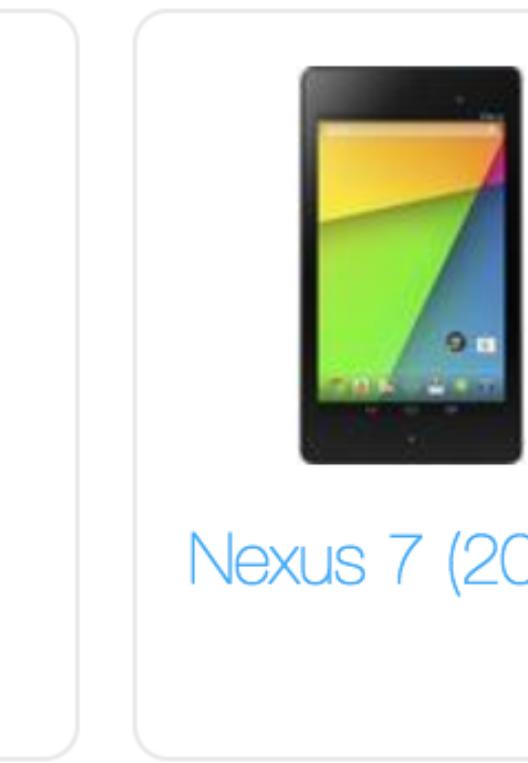
Nexus 5



Nexus 5



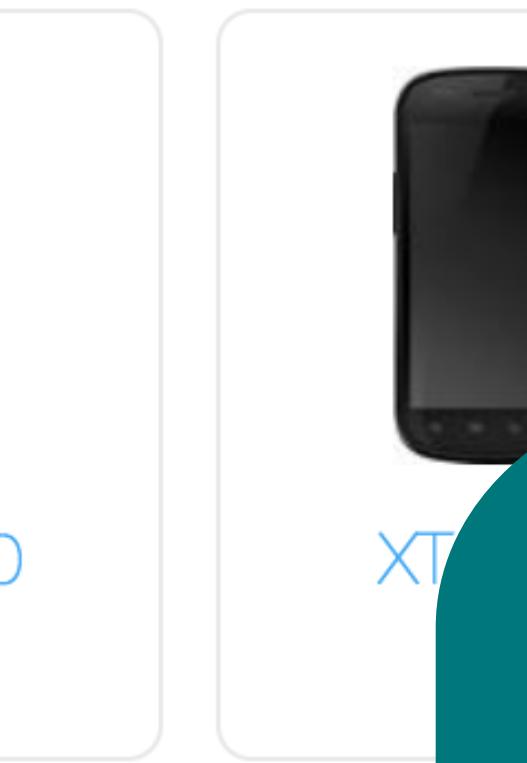
Nexus 5X



Nexus 7 (2013)



SM-T550



XT...



00190e5e2ad...

Disconnected



emulator-5554

Disconnected



emulator-5556

Disconnected



emulator-5558

Disconnected



emulator-5560

Disconnected



emulator-5562

Disconnected

The cloud device
“farm” you can
connect to

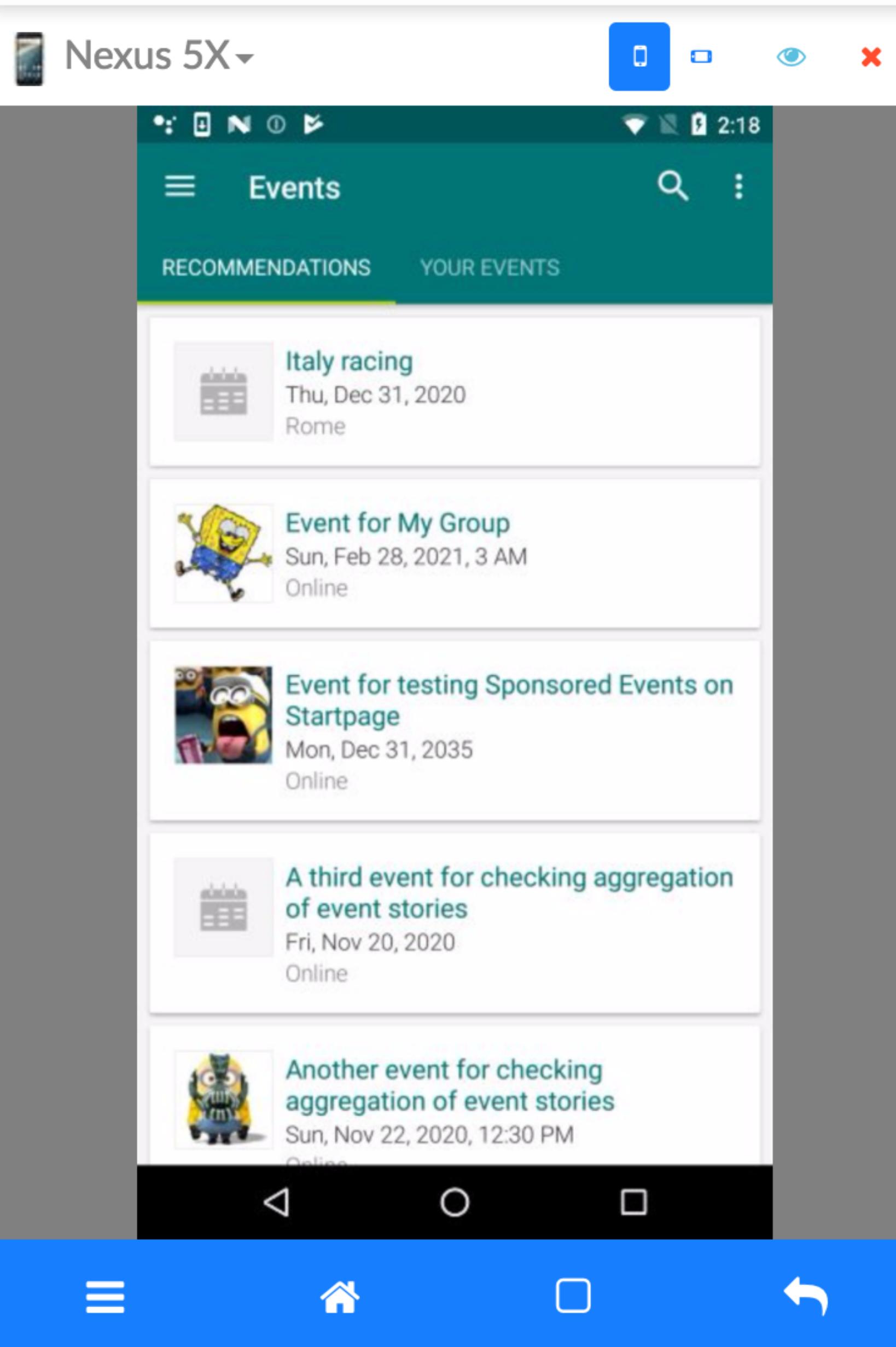


Control

Devices

Settings

Native

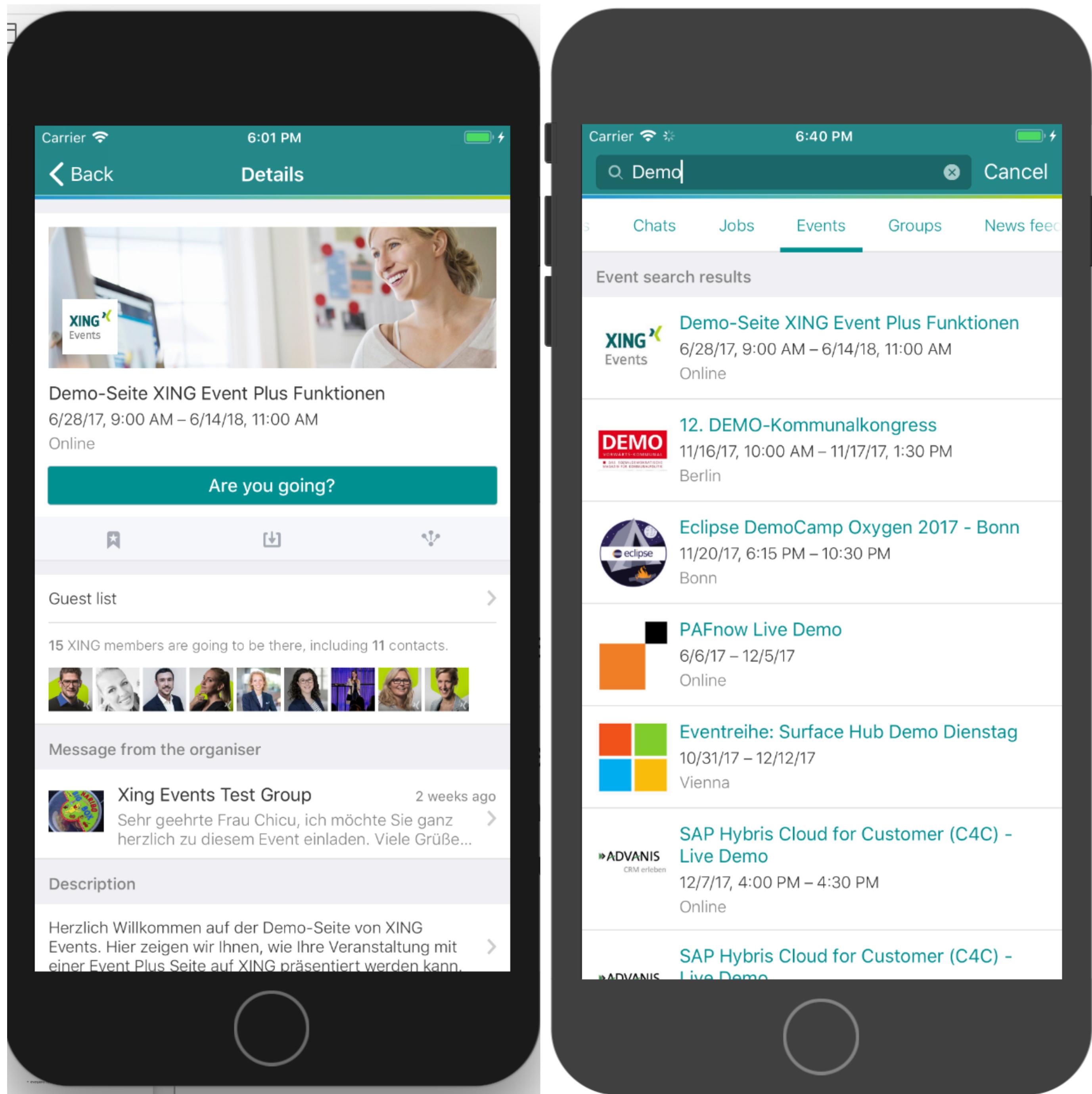


adb (Android Debug Bridge)

Testing mnemonics

CUPID

- Consistency
- Usability
- Platform
- Interruptions
- Data from the API



The image shows the Postman application interface with two side-by-side panes. The left pane is the main Postman interface, and the right pane is a terminal window showing the raw cURL command and its JSON response.

Postman Interface (Left):

- Header Bar:** NEW, Runner, Import, Builder (highlighted), Team Library, Sync Off, Bell, More.
- Request Panel:** Method: GET, URL: http://rest.api.lezok-anastasia-chicu.env.xing.com/rest/events/events/32&rid=internal.
- Authorization Tab:** Selected, showing "No Auth".
- Body Tab:** Selected, showing a JSON response from the API.
- JSON View:** Shows the API response in a pretty-printed JSON format.

```
1 {  
2   "id": 32,  
3   "urn": "urn:x-xing:events:event:32",  
4   "title": "Cricket Tournament",  
5   "description": "The annual cricket tournament will happen on August 5th in",  
6   "short_description": null,  
7   "html_description": false,  
8   "description_with_markdown": "The annual cricket tournament will happen on",  
9   "language": "en",  
10  "twitter_tag": null,  
11  "agenda": null,  
12  "online": false,  
13  "location_country": "GB",  
14  "location_region": "",  
15  "location_city": "Liverpool",  
16  "city_id": null,  
17  "location_street": "",  
18  "location_name": "",  
19  "location_postal_code": "",  
20  "latitude": null,  
21  "longitude": null,  
22  "geocode_accuracy": null,  
}
```

Terminal Output (Right):

```
chicuanastasia@Chicus-MBP ~ $ curl -H 'Accept: application/json' 'http://rest.api.lezok-anastasia-chicu.env.xing.com/rest/e  
% Total    % Received  % Xferd  Average Speed   Time     Time     Time  Current  
Dload Upload Total Spent   Left Speed  
100 2799    0  2799    0      0  7173    0 --:--:-- --:--:-- --:--:-- 7176  
{  
  "agenda": null,  
  "allow_maybe": true,  
  "call_to_action": 0,  
  "call_to_action_link": null,  
  "can_be_shared": false,  
  "canceled": false,  
  "category": "EV_CATEGORY_ENTERTAINMENT_AND_LEISURE",  
  "category_id": 103,  
  "city_id": null,  
  "co_organizer_ids": [],  
  "company_id": null,  
  "competitor_ticketing_type": "no_price_range",  
  "created_at": "2011-09-20T09:56:38Z",  
  "cross_ad_event": false,  
  "deleted": false,  
  "description": "The annual cricket tournament will happen on August 5th in the waterfront park.",  
  "description_with_markdown": "The annual cricket tournament will happen on August 5th in the waterfront park.",  
  "ends_at": "2016-05-08T19:00:00Z",  
  "ends_at_for_calculations": "2016-05-08T19:00:00Z",  
  "ends_at_time_given": true,  
  "event_guide_plus": false,  
  "event_type": "public",  
  "external_link": null,  
  "features": [],  
  "geocode_accuracy": null,  
  "group_id": null,  
  "list_visibility": "xing_members",  
  "is_event_guide": false,  
  "xml_description": false,  
  "id": 32,  
  "industry": [],  
  "language": "en",  
  "latitude": null,  
  "link_to_external_page": null,  
  "links": {
```

Central Overlay: A red hexagonal callout contains the text "Postman and cURL".



Summary

Summary

- Start with the value
- Let the risks guide you
- Explore
- Choose your devices wisely





Thank you
for your attention.



XING 