

CELEBRATE BUG PREVENTION

INSTEAD OF BUG DETECTION

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BRUSSELS

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TAKING DOWN THE WALL

BETWEEN DEV AND QA

WHO AM I?

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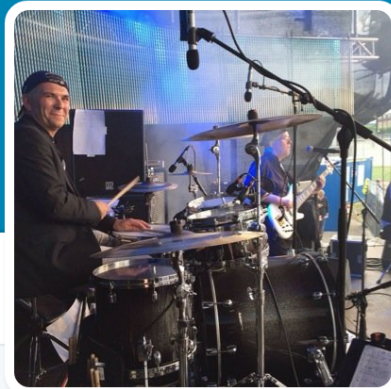
Founder, GRIDFUSION



Head of Productivity & Test Engineering, eBay



GRIDFUSION



Michael Palotas

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founder of gridfusion, technologist,
engineer by heart, drummer, loves
AC/DC

📍 Zürich

🔗 gridfusion.net

🕒 Joined May 2012

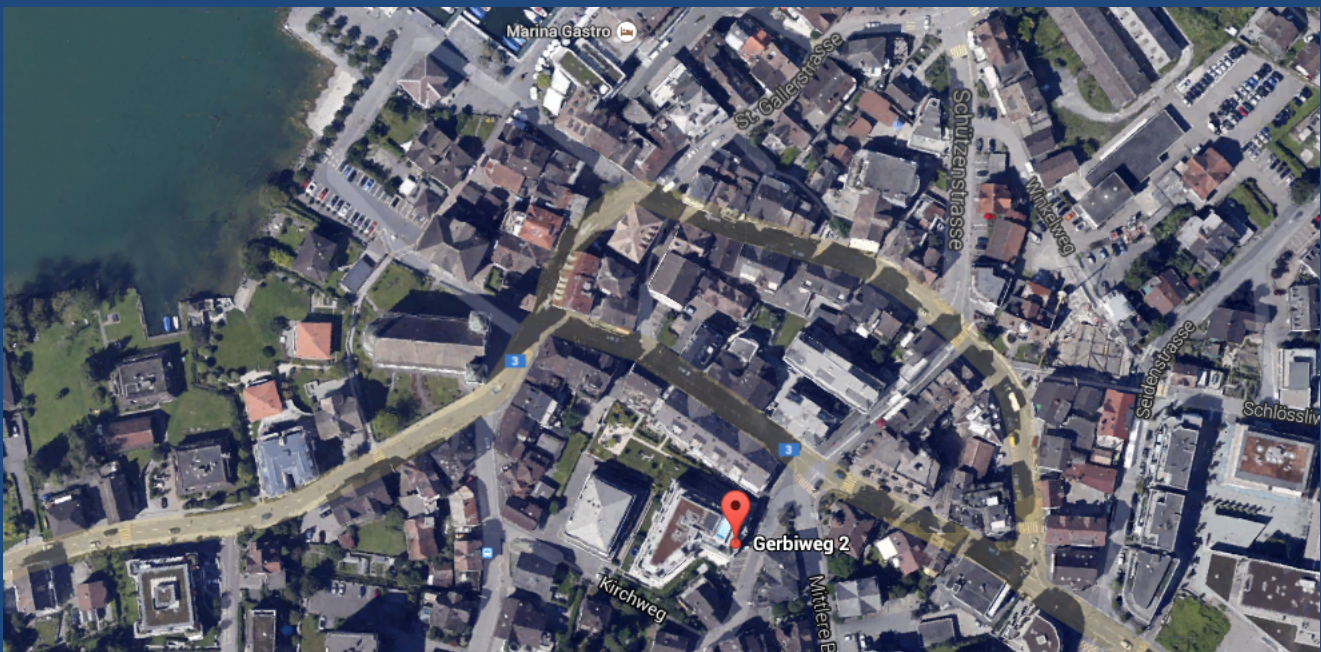
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EBAY FROM THE TOP



GRIDFUSION

GRIDFUSION FROM THE TOP

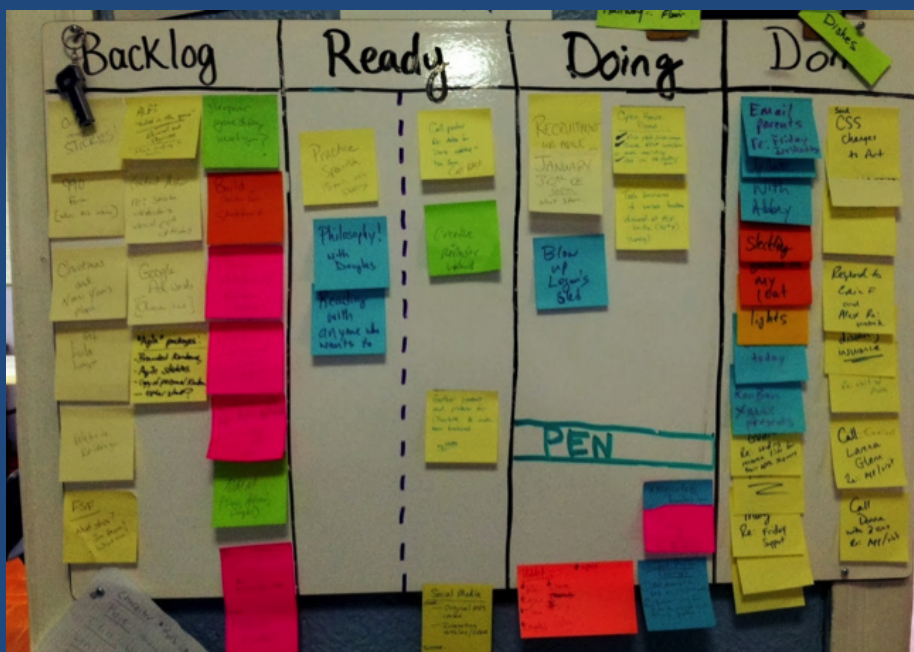


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WHAT I AM GOING TO TELL YOU IS ALSO APPLICABLE TO NON-AGILE ENVIRONMENTS

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IS THIS AGILE?



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OR THIS?



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MINDSET



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WHO IS RESPONSIBLE FOR QUALITY?

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TEST CYCLES

Traditional model - 6 months

Development

Test

Agile - 2 weeks

Development

Test

Development

Test

AUTO

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CONTINUOUS QUALITY AND TESTING

AUTOMATION

GRIDFUSION

BUG PREVENTION?



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THE ROLE OF TESTERS CHANGES

Test Coach

Interactive testing

Exploratory approach

Focus on fast feedback

Focus on primary work artifacts

Domain knowledge

Test Architecture

Test Infrastructure

Tools

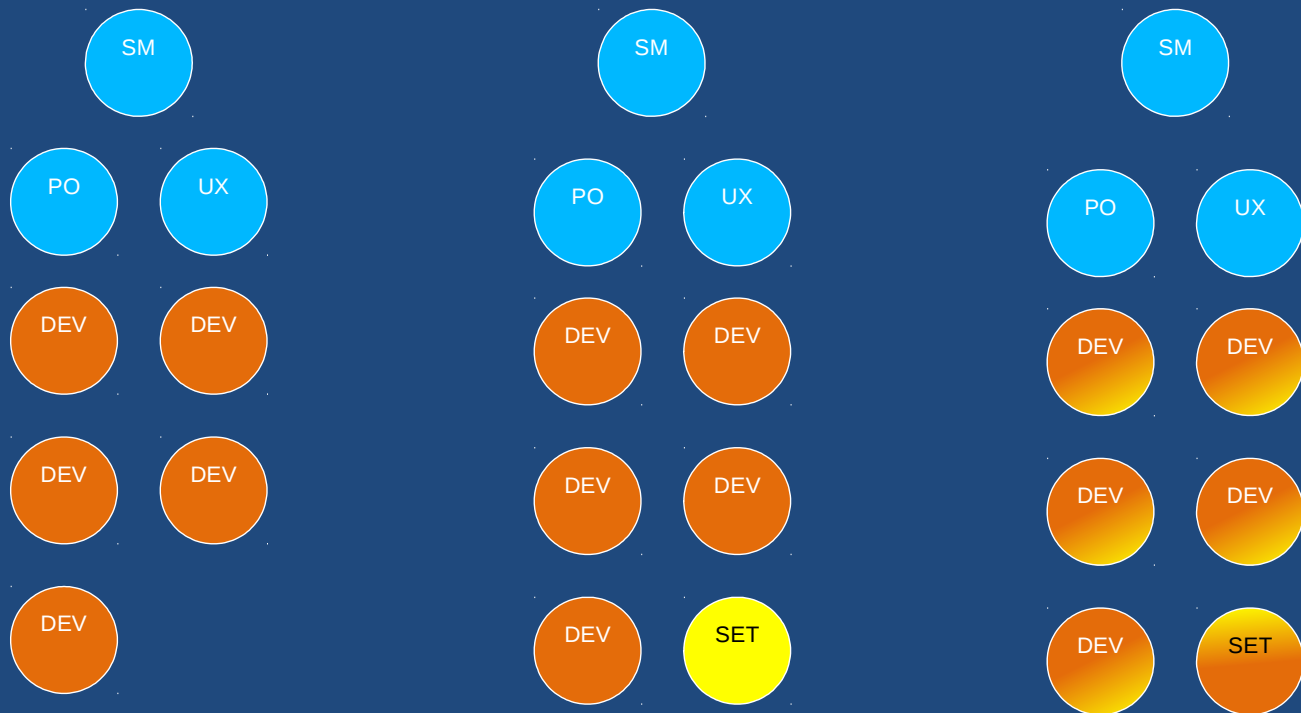
TDD / Automation

Continuous Integration

DevOps

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HOW TEAMS EVOLVE



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SKILLSET - WHAT IT MEANS FOR PEOPLE



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WHAT IT MEANS FOR MANAGERS



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AGILE TOOLSET / ENGINEERING PRACTICES



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(SOME) AGILE ENGINEERING PRACTICES

Test automation
Continuous integration
Continuous delivery
Pair programming
Code reviews
(Static) code analysis
Internal & external quality mindset
DevOps culture
Bug prevention vs. bug detection
Metrics?

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CONTINUOUS INTEGRATION & TEST AUTOMATION



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TESTAUTOMATION WHY?

NOT to replace people

To save time and to reinvest that time
into “smart” testing

To get early and instant feedback

Safety net

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TOOLS

JUnitMavenJIRA logo featuring a blue stylized 'J' and the text 'JIRA'.

Jenkins

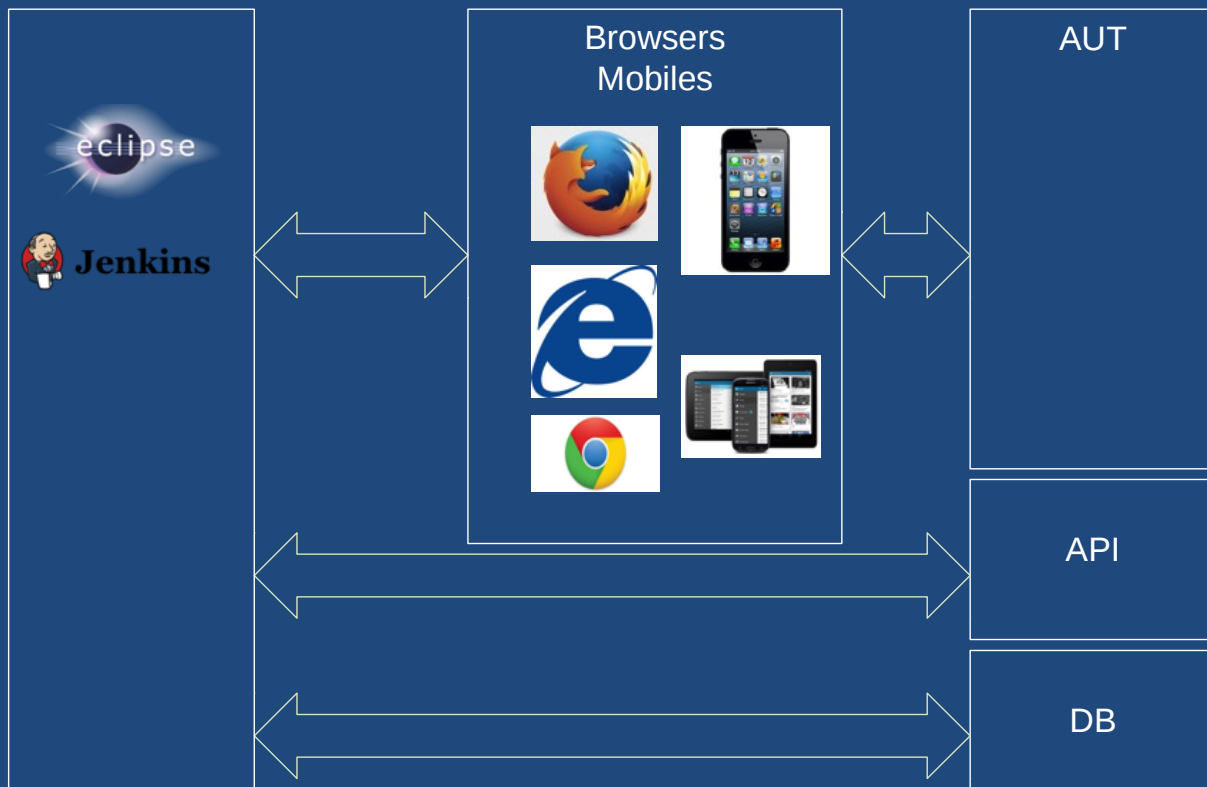


Quality Center



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TEST INFRASTRUCTURE



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TESTING OF THE FUTURE?

Continuous / Non-Stop Testing
Along with development
All test levels are done within the sprint
Testing is the job of the entire team
Testers are engineers with a “testing superpower”

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ROLE OF QA @ATLASSIAN

- TEACH DEVELOPERS TO TEST
- ASSESS RISK
- PREVENT PROBLEMS
- MAKE QUALITY EVERYONE'S RESPONSIBILITY

Source: Andrew Prentice, Atlassian, Sydney May 2014

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THE BIG GOAL



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THANK YOU

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