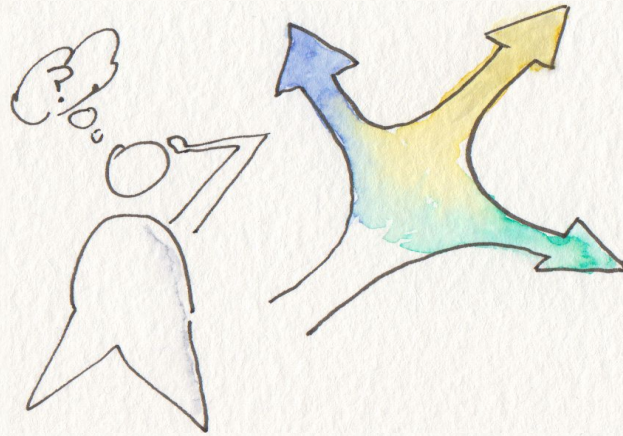


Automatisierte Tests



Tipps zum effizienten Scheitern

Vorstellung



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@MAliKazmi12



Sascha Bleidner

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@sbleidner

Fahrplan



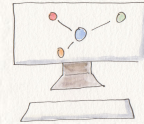
Projekt



Ursachenforschung



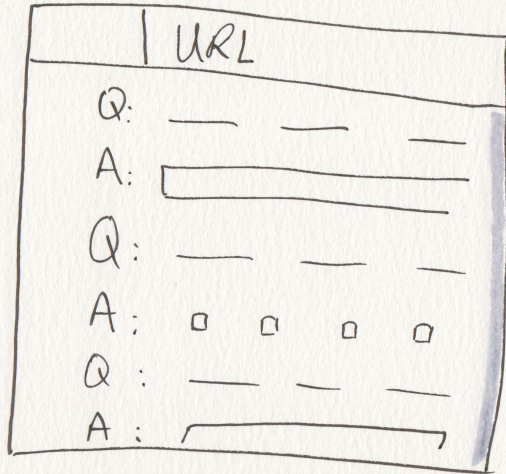
Round-up



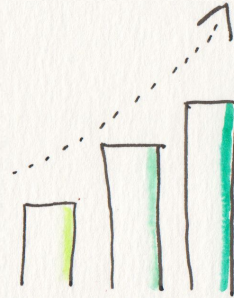
Demo

werkzeuge 

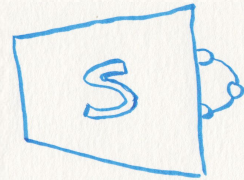
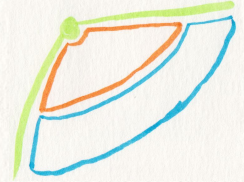
Projekt by Example



webanwendung

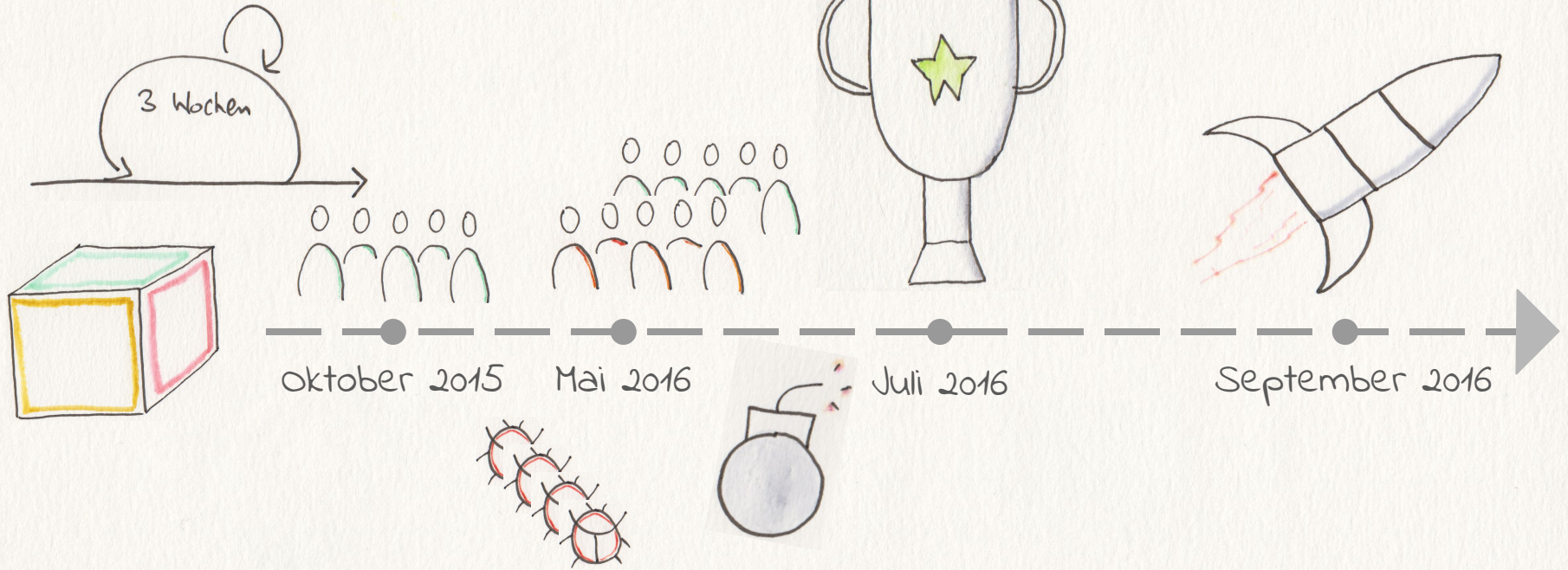


Kontext



Technologien

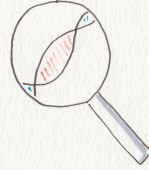
Projekttablauf



Fahrplan



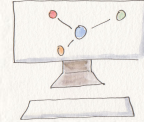
Projekt



ursachenforschung

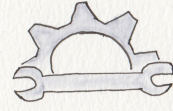


Round-up

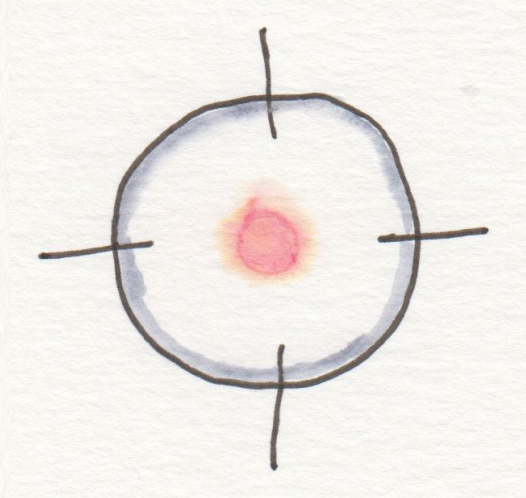


Demo

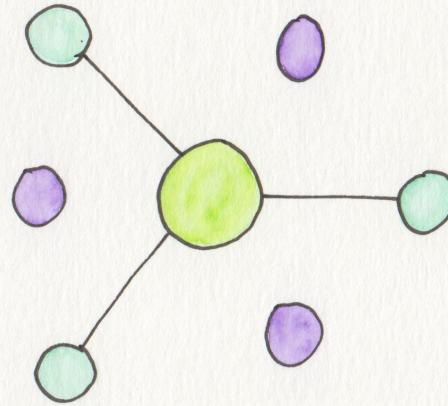
werkzeuge



Ursachenforschung I



Scope



verteilung

Ursachenforschung II

User Story Test

Sehr viele automatisierten Tests (60%)

Hoher Testaufwand

Unit Tests

Zu geringe Testabdeckung (<40%)

Kein schnelles Test-Feedback

Explorative Testing:

Zu spät gestartet

Komplexe Use Cases aufgedeckt

Performance Test

Chrome Driven Development

Nutzer setzen Internet Explorer ein

Fahrplan



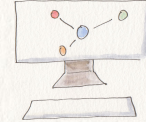
Projekt



Ursachenforschung



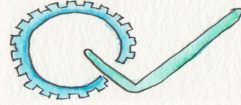
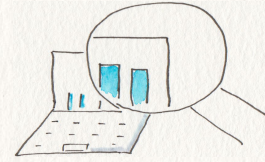
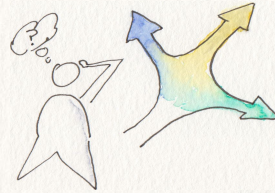
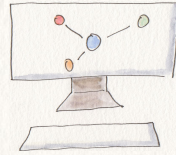
Round-up



Demo

werkzeuge 

Fachliche
Sicht

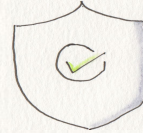
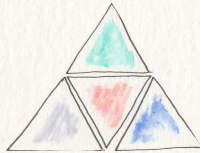
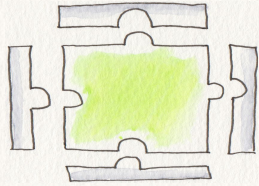


Team-
unterstützend

AGILE TESTQUADRANTEN

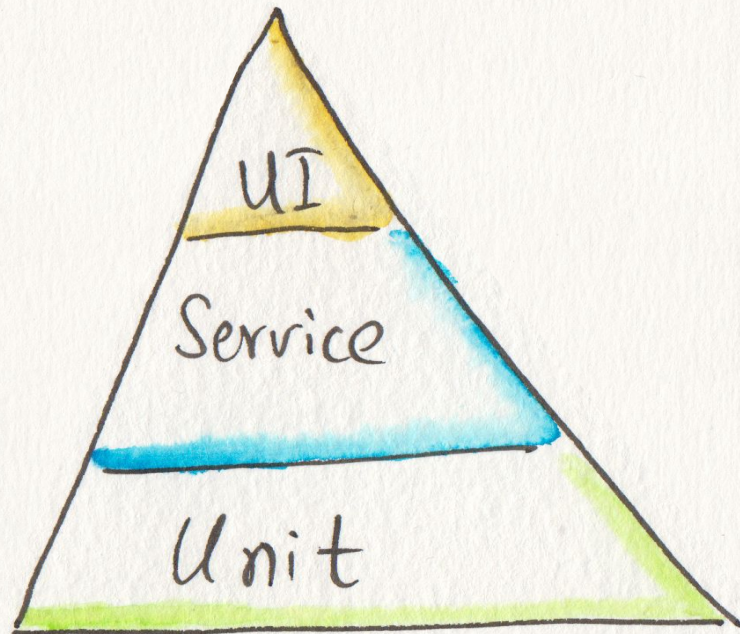
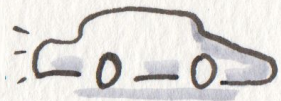
nach Lisa Crispin und
Janet Gregory

Produkt
hinterfragend



Technische
Sicht

Test-Cocktail



Testpyramide von Mike Cohn

Fahrplan



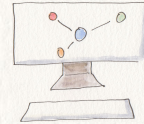
Projekt



Ursachenforschung

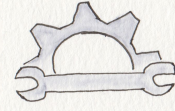


Round-up



Demo

werkzeuge



Demo 1

Register

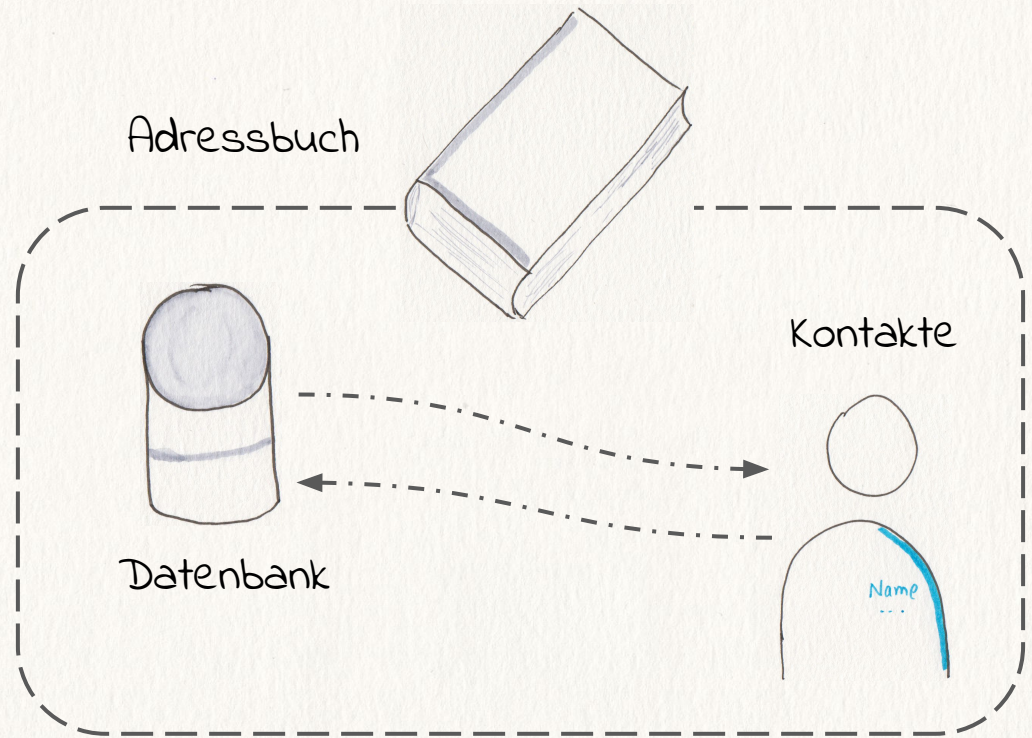
username

password

re-enter password

A hand-drawn diagram of a registration form. It consists of a rectangular box with a solid border. Inside the box, the word "Register" is written at the top center. Below it, there are three vertically stacked input fields, each represented by a dashed-line rounded rectangle. The first field contains the text "username", the second contains "password", and the third contains "re-enter password".

Demo II



Fahrplan



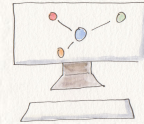
Projekt



Ursachenforschung



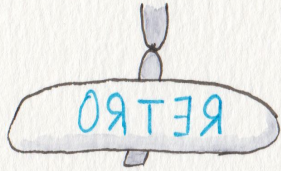
Round-up



Demo

werkzeuge 

Round-up



1. Retrospektive
 - Aus den Fehlern lernen.



2. Test Strategie im Team erarbeiten
 - Test Strategie kontinuierlich verwenden & aktualisieren



3. Software Craftsmanship
 - Test Driven Development
 - Be professional - nimm deinen Beruf ernst.

Fragen

?

Wo kann ich noch mehr erfahren?

Agile Testing: A Practical Guide for Testers and Agile Teams, Lisa Crispin, 2008

Test Driven Development: By Example, Kent Beck, 2002

Clean Code: A Handbook of Agile Software Craftsmanship, Robert C. Martin, 2008

Refactoring: Improving the Design of Existing Code, Martin Fowler, 1999

Demo Code: https://github.com/Tribunex/talk_automated_testing

viel Spaß beim professionellen Entwickeln!



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