

JUG Bern Selenium Event

Test automation @ Credit Suisse

Selenium in the TAU Team

Credit Suisse AG, Michel Racic
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Credit Suisse Group today – key facts

- Global bank headquartered in Zurich, serving clients in private banking, investment banking and asset management.
- Registered shares of Credit Suisse Group AG (CSGN) are listed in Switzerland (SIX) and as American Depositary Shares (CS) in New York (NYSE).
- Total number of employees: 48,200.
- The Group's long-term ratings are: Moody's A2, Standard & Poor's A, Fitch Ratings A.



Projects

74

50%

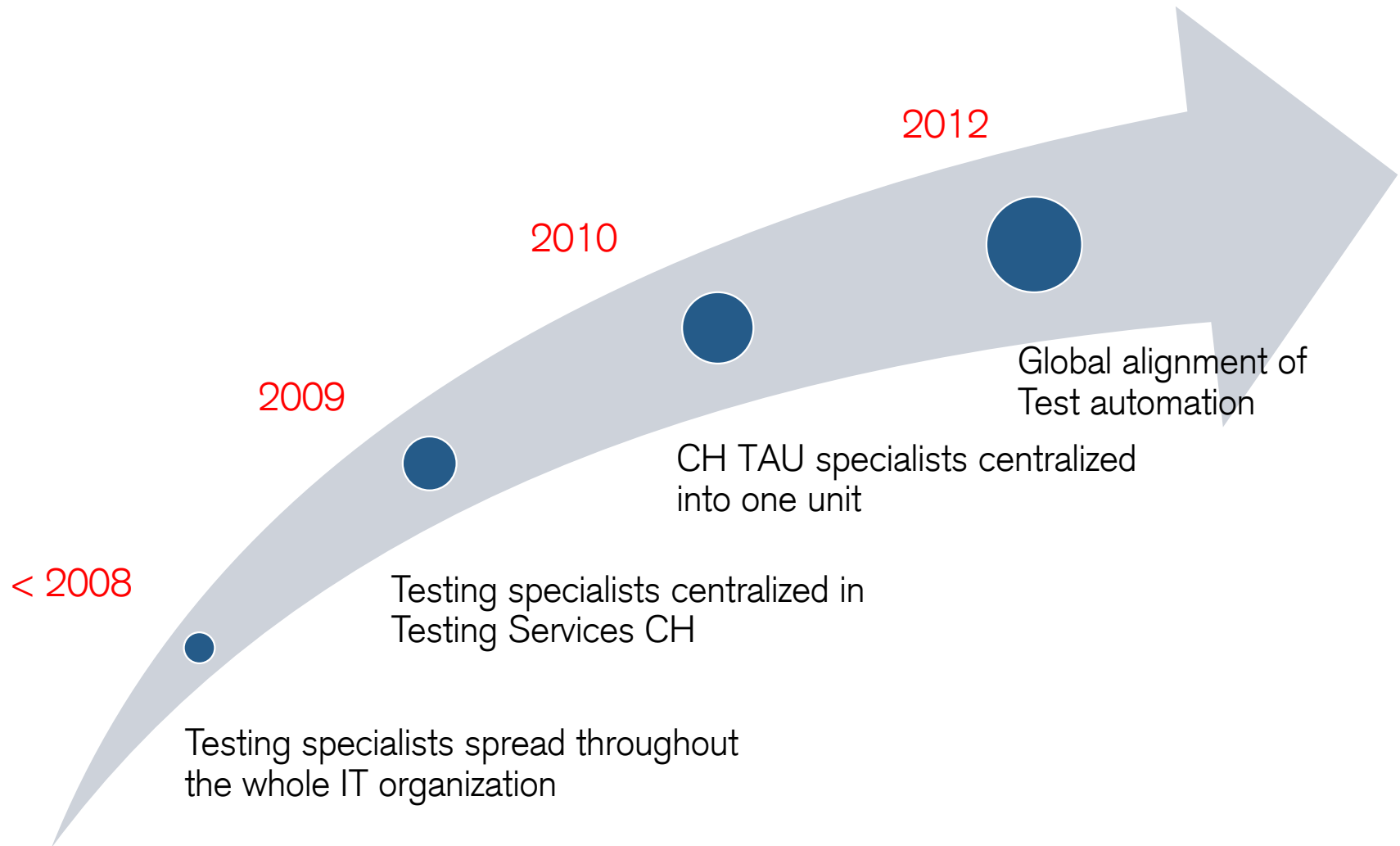
Active Test cases in April

10882

Test cases
automated

Snapshot date is 01.05.12

Evolution of Test Automation @ Credit Suisse



Mars
execution
web-service*

SVN (Version Control)

Mars Test Automation Management Framework

Webtest Solution Framework

Canoo (Open Source)

Canoo

PDF content Compare

Excel

Email

HTML Unit

Java Applets

CS

Reporting

Mainframe GUI

IBM MQSeries

PDF Layout Compare

Execution
flow

Other (Open Source)

DB Unit

Selenium
(Open Source)

Selenium
IDE

Selenium
Grid

Webdriver
Interface

WebDriver
Implementation

Firefox

Internet Explorer

.... Browser

MARS QTP Framework

QTP Solution

.NET

SAP

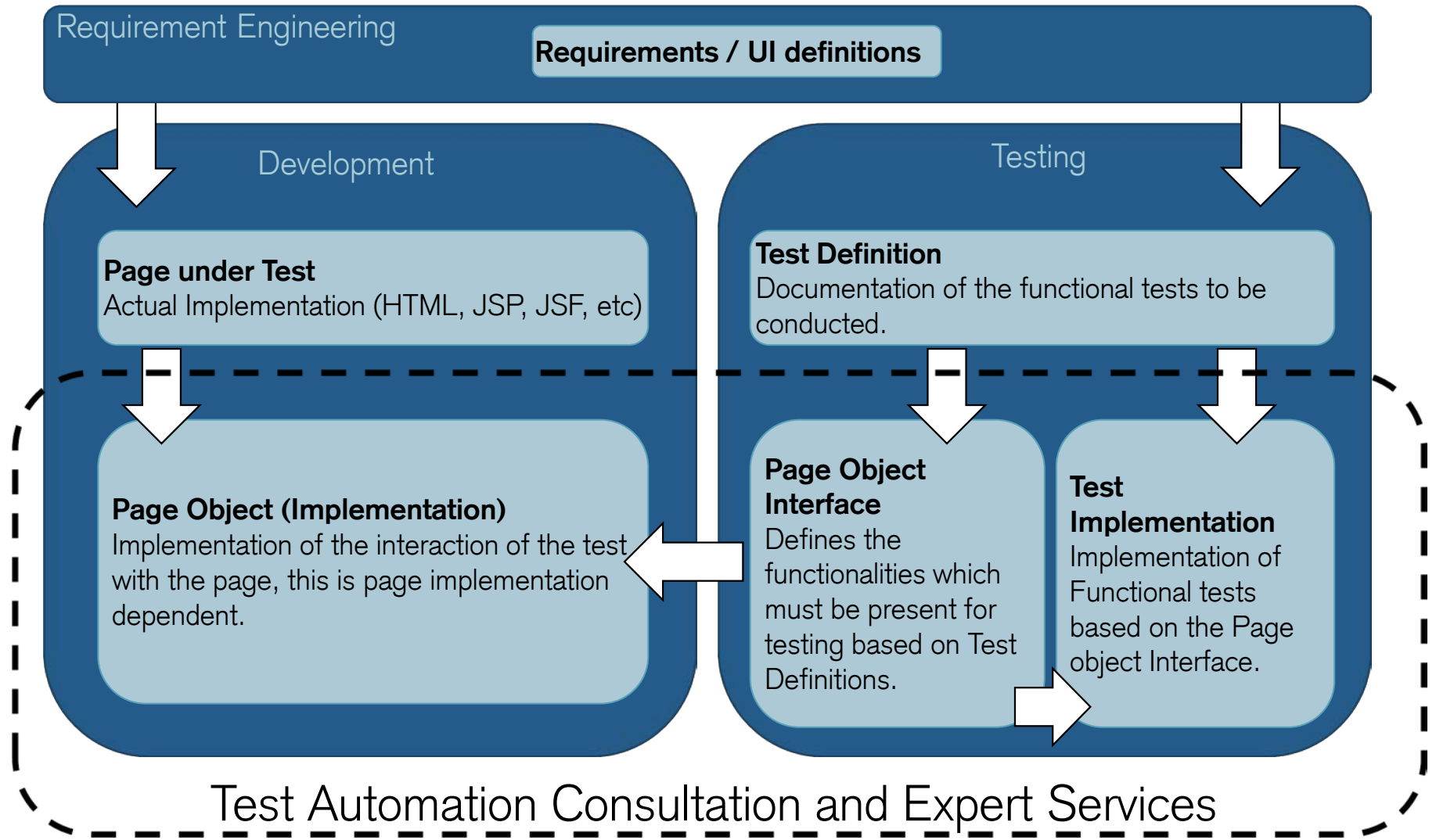
.... Adapter

QTP

Application Under Test

* client independent, e.g. continuous integration projects

Development vs. Testing



Conclusion

Testing

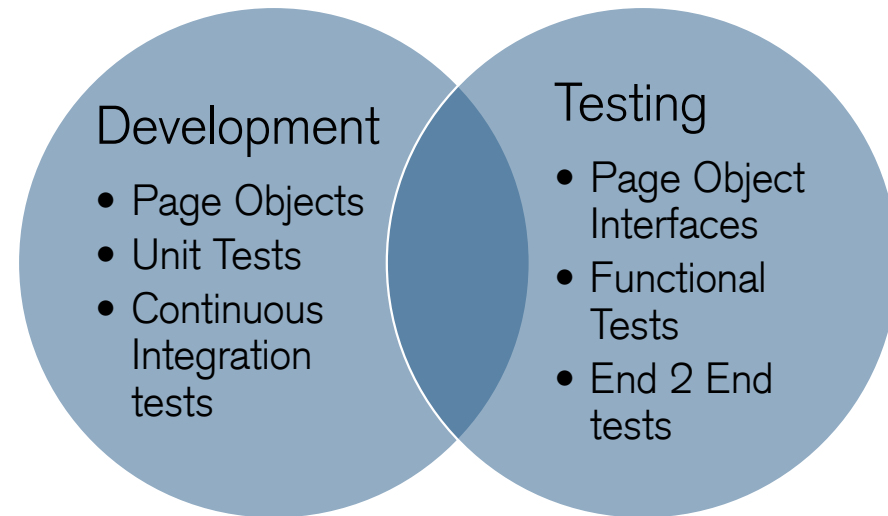
- Less maintenance
- Involved in early stages
- Reusing artifacts from development

Development

- Improved staging quality
- Improved requirements
- Reusing artifacts from testing

Project

- Improve overall quality
- Efficient use of resources
- Stable solution for long term use



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