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Micro Focus ALM/QC Integration with Automated Testing Tools for Reporting and Analysis - EMEA

June 20, 2019



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Hosted By



Carsten Neise
Senior IT Quality Consultant
profi.com AG Business Solutions
Germany Chapter Leader

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Today's Speaker



Tina Dankwart
Senior Value Stream Architect
Tasktop Technologies

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House Keeping

- This “LIVE” session is being recorded
Recordings are available to all Vivit members
- Session Q&A:
Please type questions in the Questions Pane

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Webinar Control Panel

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screen/window mode.

Questions



Introduction

- **14 years building solutions in the ALM space (Mercury/HP/HPE/MicroFocus)**
- **Speciality used to be in reporting (ALM and beyond..)**
- **Hopefully take-away: how to have your cake and eat it too: Using ALM/QC for reporting whilst allowing teams to use whichever automated testing tool they prefer**



Tina Dankwart
Senior Value Stream
Architect

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Test Automation is key

- The World Quality Report's key findings for 2018-2019 state that '**low levels of test automation**' are holding back quality assurance and testing teams
- **Yet currently still only 40-50% of testing automated**

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How do We Get There?

- **Key Recommendation from 2018-2019 Quality Report:**
 - “Increase the level of basic and smart test automation, **but do so in a smart, phased manner.**”
- Teams increasingly use their own, preferred test automation tools

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People, Process, Technology



- “... but do so in a **smart, phased manner.**”
- **People** are invested in a specific manner of reporting within ALM/QC for budgetary decision-making
- Test **Process** for System, Integration, and UAT may be manual-intensive – but unit and regression test process has ample room for test automation.
- Automated Testing **Technology** paired with people and process engineering can help deliver in a ‘smart’ manner.

... but what about your toolchain?

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The Impact on the IT Toolchain

- A new breed of test automation tools have flooded the market
- A mentality shift to using the tools that work best for the team appears to be the “smarter” choice for a variety of reasons.

2016



2019

Add to that:

- **Offshoring or outsourcing** of some testing activities (e.g., Test Factories)
- Decades of mergers and acquisitions that have resulted in multiple instances and versions of tools

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How does this impact reporting?



With test planning, design, execution
and reporting split across multiple tools,
software delivery leaders have
lost visibility into coverage, quality and cost

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But we still need...



- **VP Quality Assurance**
- **QA Director**
- **Test Manager**
- **Test Leads**
- **Program QA Consultant**
- **PMOs**

How quickly are defects being resolved?

How many tests have been executed and passed?

How many requirements were covered?

Are we ready to release?

How many blocking defects remain?

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“ YOU CAN'T MANAGE
WHAT YOU DON'T MEASURE.

- W. Edward Deming



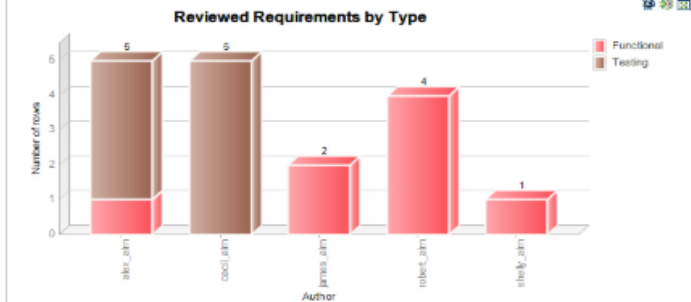
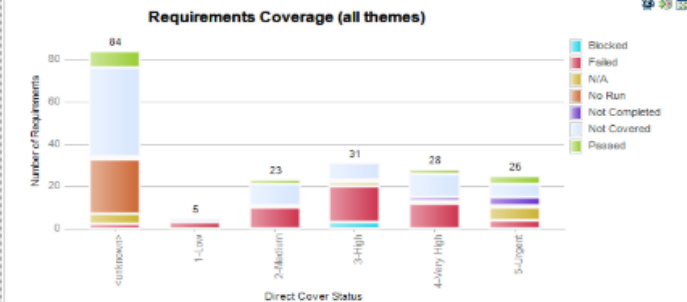
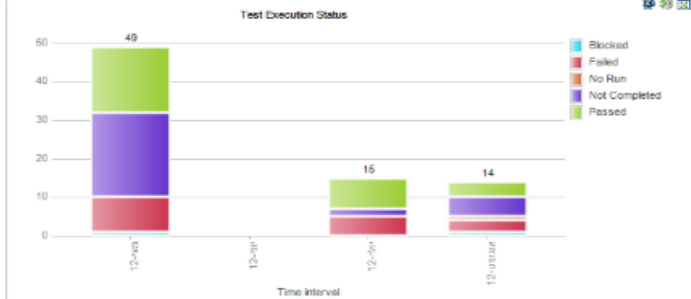
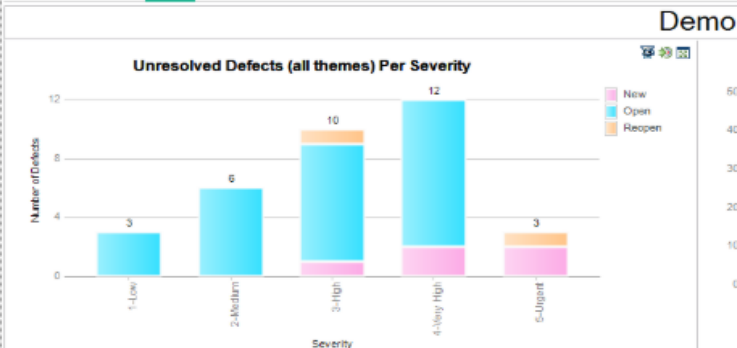
**“to measure is to know – if
you cannot measure it, you
cannot improve it”
– Lord Kelvin**

ALM Dashboard

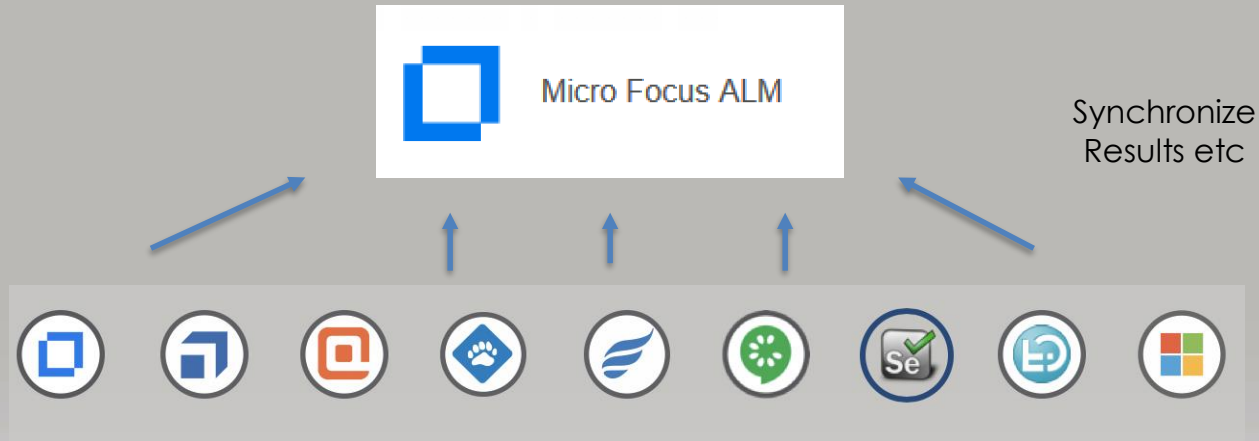
- Dashboard
- Analysis View
- Dashboard View
- Management
- Releases
- Libraries
- Requirements
- Testing
- Defects

- Private
- Public
 - Demo
 - Mercury Tours Release 10.5 Status

Details Configuration View



What to do?



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Example Integration

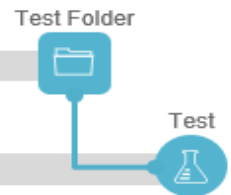
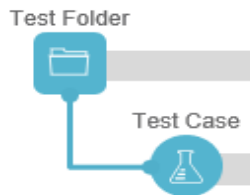
TEST MANAGEMENT & TEST EXECUTION



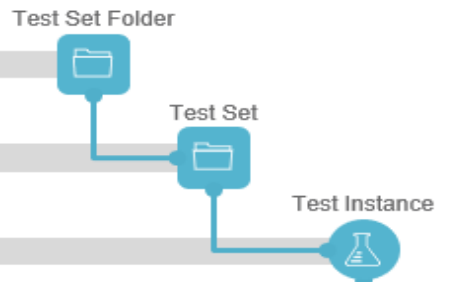
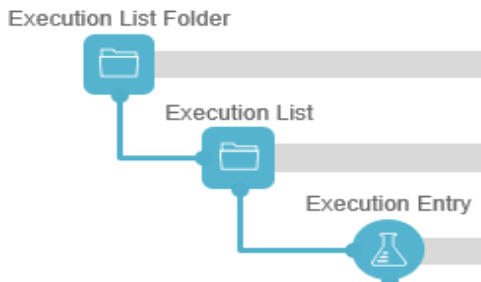
DEFECT MANAGEMENT & REPORTING



Test Creation



Test Instance



Test Run



Summary

- A balanced approach to People, Process, and Technology helps facilitate a 'smart' transition to increase levels of test automation
- Statistics still show that nearly 50% of testing is still manual. Value stream integration tools like Tasktop help eliminate the fear of adopting a multi-tool strategy as you increase automation.
- Manual reporting is only necessary when tools are disconnected. By integrating the testing toolchain, you can build real-time reports that show both manual and automated test execution progress.

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Upcoming Vivit Events

June 27, 2019

Meeting: Vivit Portugal Local User Group Meeting

9:30 - 12:30 CET

<https://www.vivit-worldwide.org/events/EventDetails.aspx?id=1241430&group=>

July 24, 2019

Meeting: User Group Treffen "Testen & Test-Management mit Produkten von Micro Focus in München, Germany

8:00 - 9:00 AM PDT (Los Angeles), 11:00 AM - 12:00 PM EDT (New York), 17:00 - 18:00 CET (Frankfurt)

<https://www.vivit-worldwide.org/events/EventDetails.aspx?id=1238689&group=>

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<https://www.vivit-worldwide.org/>

<https://www.tasktop.com/>

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Thank You
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