The Next Level of Test Automation

https://www.testomatproject.eu/
Twitter: @TestomatProject
YouTube: https://www.youtube.com/playlist?list=PLqZchAD2j1CZ6jA01J3QzzgQpYg_JgRO-
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SOFTWARE IS EVERYWHERE!

=> Software TEST is everywhere!

This Project is a KEY ENABLER for SOFTWARE DIGITALIZATION

How to achieve high quality software with low cost & increased speed
TESTOMAT PROJECT
Kick-off Berlin 9 Oct 2017
Strengths from Every Country

- Leading Role in Industrial Testing
- Academics provide strong support
- Industries with decades of experiences in testing: Train, Plane and Telecom
- Experienced Test consultants

- Strong IN AGILE – DEVOPS
- Open Source testing – test tools
- Academics provide strong support
- Strong history of Testing
- Experience with building advanced testing for many heavy industries

- Unique experience with new techniques
- Scriptless GUI testing

- Mutation test tools
- Strong experience with test tools
- Academics with experience

- Strong history with test tools
- Many test technologies
- Working with Standards
- Automotive and robots

- Embedded domain
- Important plug-in

- Testing in Bank & e-commerce!
The Next Level of Test Automation

WP7 — Dissemination and Exploitation

WP1 — Project Management

WP2 — Industrial Use Cases

WP3

WP4

WP5

WP6

PRIORITY

QUALITY & STANDARDS

EFFECTIVENESS

IMPROVEMENTS
Collaboration
TESTOMAT Project
Consortium
The STARTING POINT
Current Value Chain Business

- Ericsson (Telecommunication)
- Ponsse Oyj (Transportation)
- Bombardier (Transportation)
- SAAB (Avionics)
- AKKA (Transportation)
- Prodevelop (Transportation)
- Kuveyt Türk Participation Bank (Finance)
- FFT Produktionssysteme GmbH (Robotics)
- 4DVision (Web/Graphics)
- embeteco (Cyberphysical Systems)
- Alerion (Robotics)
- Mebitech (e-Government)

Consultants
- Symbio
- System Verification Sweden AB
- Testwerk

Research Centres
- VTT Technical Research Centre of Finland
- TNO
- RISE SICS
- Offis
- Fraunhofer FOKUS
- Institut für Automation und Kommunikation (ifak)

Problem Owners

Solution Providers

Knowledge Providers

Tool Vendors
- Jamo Solutions
- Axini
- EKS Intec GmbH
- Empear AB
- Verifyter AB
- Parasoft Deutchland GmbH

Tool Vendors / Consultants (Hybrid)
- Comiq Oy
- Sili Oyj
- EfiCode Oy
- Qentinel Quality Intelligence Oy
- Assystem Germany GmbH
- ULMA Embedded Solutions

Universities
- NEXOR — University of Antwerp
- University of Oulu
- The Open University of The Netherlands
- University of Mondragón
- KTH (Royal Institute of Technology)
- Mälardalen University
- Middle East Technical University (METU)
About TESTOMAT Project

Nowadays, quality software has come to mean “easy to adapt” because of the constant pressure to change. Consequently, modern software teams seek a delicate balance between two opposing forces: striving for reliability and striving for agility. The TESTOMAT project will support software teams to strike the right balance by increasing the development speed without sacrificing quality. The project will ultimately result in a Test Automation Improvement Model, which will define key improvement areas in test automation, with the focus on measurable improvement steps.
We Work AGILE – Kanban Board Planning
We Work AGILE – SLACK for Discussions
A NEW RESEARCH WORKSHOP ON TEST AUTOMATION

https://www.testomatproject.eu/nexta2018/

Co-located with IEEE Conference on Software Testing in Västerås - 2018

And our first research collaborative publications in submission!