



Professional GUI-Testing for Java & Web

Preventing Bananaware – Test Automation From A User's Perspective For RCP Applications

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Bananaware?



Our Goal – Preventing Bananaware



What do we actually want?

- Well-tested and stable product
- Bugs found at customer site cause
 - high costs
 - bad image
- Create confidence with the application
- Meet functional requirements
- Meet non-functional requirements
 - Behavior under stress and high load; usability



What do we have?

- **Unit tests**
- **Integration tests**
 - with specific drivers
 - specific setup
- **System tests**
 - From user's perspective
 - Mostly manual due to complexity



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Challenges for GUI Tests

- Complexity
 - GUI
 - Scenarios
 - Environment
- Dealing with changes
- Getting GUI tests stable
- Creation of tests
 - Mostly Capture & Replay together with Copy & Paste



What would we like to have?

- Fast and comfortable test creation
- Unattended test execution and reporting
- Stable and robust tests
- Extensibility (e.g. custom objects)
- Good analyzing features
- Reporting



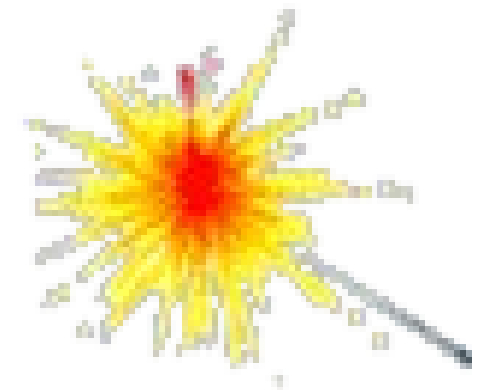
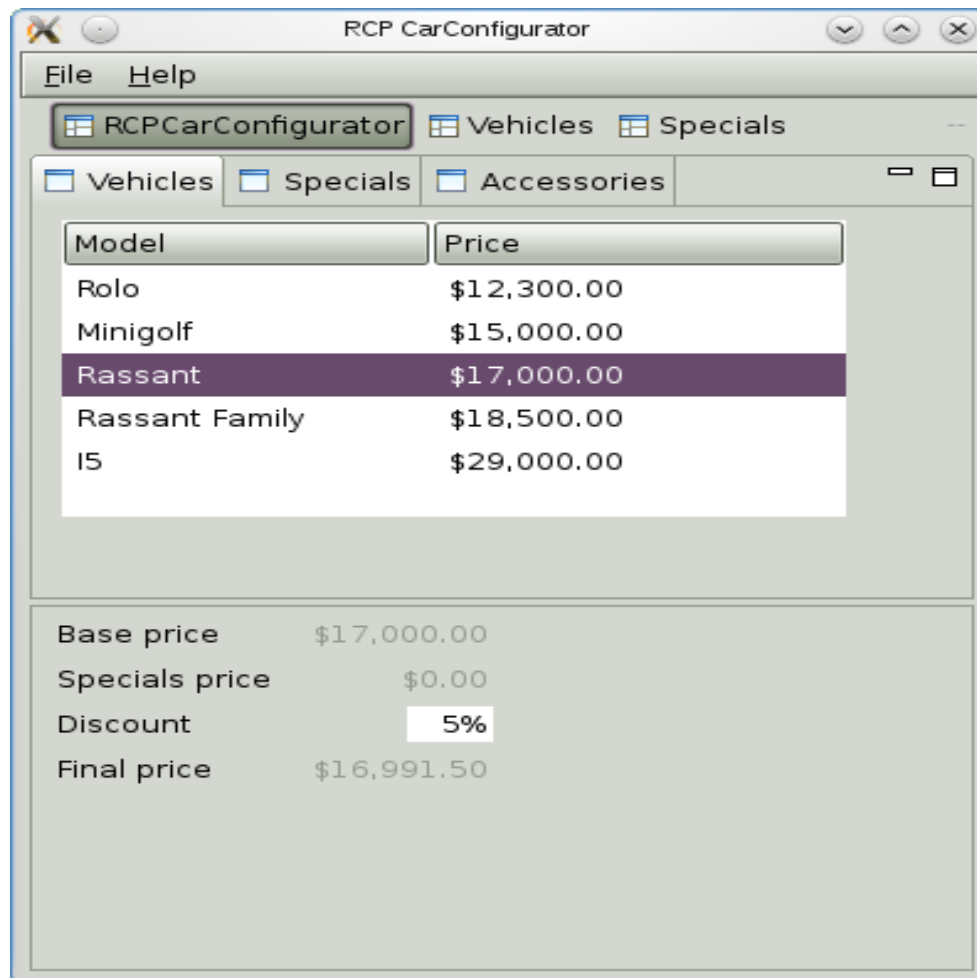
It's possible, but not without efforts

- ☑ Fast and comfortable test creation
- ☑ Unattended test execution and reporting
- ☑ Stable and robust tests
- ☑ Extensibility (e.g. custom objects)
- ☑ Good analyzing features
- ☑ Reporting

Creating automated GUI tests is a complex job.



Issues for Testing RCP Applications



Summary

- Commitment to perform GUI testing
- Test strategy / planning
- Resources
- Appropriate tool
- Modularization of test steps
- Teamwork

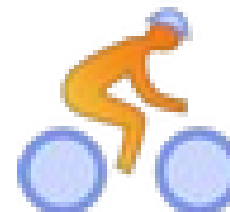


Does it really work?

Customers



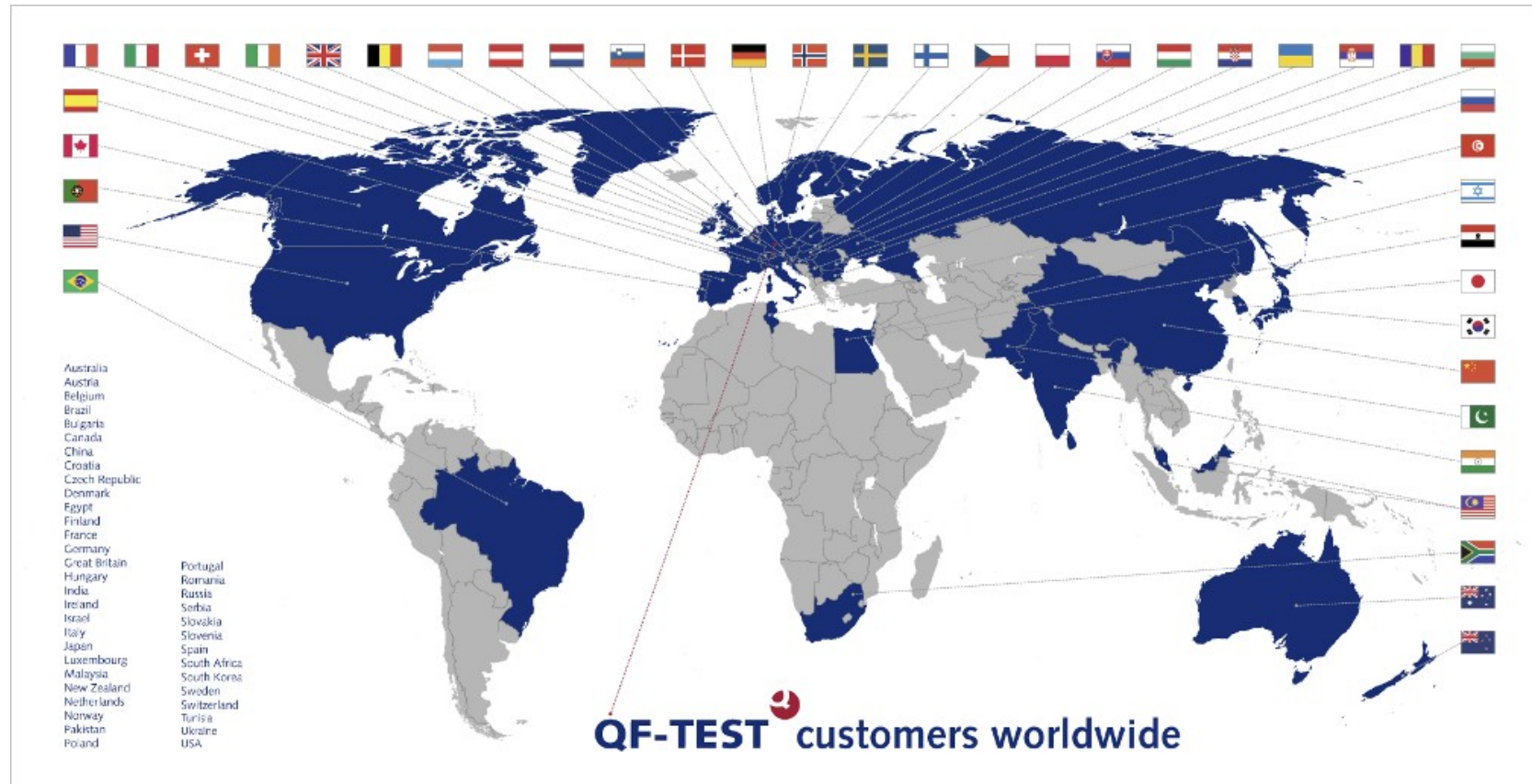
Opensource Projects using QF-Test



My Tourbook

(Eclipse Community Award Winner 2008)

It works for over 500 customers in the world!



QF-Test – **THE** GUI Test tool for Java and Web –
Experience since 2001

Good riddance Bananaware!

