

Moravia

Using Micro Focus® Silk Test™ to deliver testing services for a global client.

Challenge

Moravia is a leading globalization solution provider, enabling IT, e-learning and life science clients to enter global markets with high-quality, multilingual products. Its solutions help companies succeed with test management, linguistic and functional testing, test automation, and software engineering.

Moravia delivers testing services for a global company that provides vector-based graphic software and CAD applications. It needs to support major annual product releases, which require intensive testing. The number of variables

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Test Manager
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and different language versions involved means testing cannot be done manually. Initially, the client was heavily involved in the testing process, and Moravia only executed client-generated testing scripts. Over time, Moravia acquired responsibility for the full testing cycle, including script building, which required sophisticated software support.

Solution

Moravia's client had predefined scripts and processes that had been developed using Silk Test, so Moravia purchased a license to continue the testing process. When Michal Kolář (test manager for Moravia) started working with Silk Test, he immediately felt comfortable: “We felt Silk Test was flexible enough to work within our client's processes, but it would also enable us to eventually take the lead in the testing process. Our client has tailored a robust testing framework, which is automatically navigated with Silk Test.”

Silk Test is used to navigate through the application, analyzing all the dialogues, which is where user interaction occurs, i.e., by clicking



MORAVIA

At a Glance

■ Industry

Computer Services

■ Location

Czech Republic

■ Challenge

The organization needed to support major annual product releases that require intensive testing.

■ Solution

Use Silk Test to analyze all the dialogues where user interaction occurs.

■ Results

- + Automated manual testing processes
- + Introduced multilingual testing support
- + Provided a complete testing framework

“Many of our clients are moving their applications onto mobile platforms, and with this the requirement for mobile testing is steadily increasing. We are investigating options to automate mobile testing as much as we can, and we will definitely look at Silk Mobile for this.”

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an option. It then extracts the dialogues, strings and objects into an external file for testing. With each version of the application, thousands of legacy dialogues need to be tested to ensure that problems haven't been caused when fixing defects, which may create more dialogues.

New functionality and features in each release result in new dialogues within the testing process. Kolář explains the scale of the testing operation: “Every single build needs to be tested in 10-20 languages, which is impossible to do manually. To invoke a dialogue, you would need to manually change something in the application; I cannot imagine how much time this would take.”

Silk Test is also used to call external functions, and Moravia has developed a visual UI analyzer connected to Silk Test. A complete testing framework, capable of object-level analysis of all elements tested by Silk Test, ensures full transparency.

Results

The success of Silk Test has prompted Kolář to look at other elements of the Silk portfolio: “Many of our clients are moving their applications onto mobile platforms, and with this the requirement for mobile testing is steadily increasing. We are investigating options to automate mobile testing as much as we can, and we will definitely look at Silk Mobile™ for this.”



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