



Octopus

Automated Testing Control System



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Me And My Friend Octopus

Our company released several builds on a daily basis. Of course, we did use automated tests for our software solutions, which initially gave us an advantage (quite substantial!) over manual testing.

However, such an approach could hardly be called “automated testing” (although they do call it that way). In any case we had to go through a huge amount of manual operations such as test launch, environment configuration, results handling, which makes me think of some kind of a semi-automatic testing hybrid.

What took the time and efforts of our specialists just like of any other company using the same semi-automated pattern?

Three Script Types

We used at least three types of scripts in automated testing. Certainly, it was accounted for by the peculiarities of particular tests, but we were none the better for it. Each script required its specific launch procedure, which was done manually before the launch of each successive automated test.

Queuing

Tests were queued manually, which took significant time and effort.

Configuring The Environment

Each automated test required a peculiar environment configuration, i.e. copying the necessary files from different locations, inquiries, etc. As you’ve probably guessed those actions were also performed manually referring us to the notion of “semi-automation.”

Processing The Results

Running each type of script resulted in reports of specific form, two of which were hard to interpret for a manager. Retrieving the needed information required a lot of effort, let alone switching from one form to another.

All of That Is Behind

This headache known to any tester or manager is far behind with the introduction of the testing robot “Octopus”. It is the real, true automation that requires the participation of a human only at the stage of system parameterization and configuration — what, where, and how to do. All the rest “Octopus” does independently!



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