



Build automatic or semiautomatic a performance script

Oscar Morales, Carlos Quiroz and Cristián Valdebenito

by  Neotys





- Context
- Build a new script
- Update the script
- Summary

We would all like to have a performance test model that allows us to reduce the effort required and necessary for the test development cycle, in particular the design and build stage.

..Build the script, one by one and manually ...



The design, construction and updating of performance scripts may be a thing of the past, today we have the possibility of doing them automatically or semi-automatically.





Build a new script



The first method in your step by step:



- 1. Adequacy of functional automation from Selenium*
- 2. Automatic recording of the performance script with the execution of the functional script.*
- 3. The script is parameterized and the design framework is enabled, for greater autonomy.*
- 4. Performance test ready script*



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The second method in your step by step :



- 1. Functional automation with Selenium and Junit*
- 2. Generate .JAR file of the transaction.*
- 3. The .JAR is imported into the performance tool.*
- 4. The script and the performance scenario are parameterized.*
- 5. The script is ready for performance testing.*



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Update the script



Now let's see what happens if there are changes in the transaction and we need to update our test script.



- Will it be easy to incorporate a change from the e2e transaction?
- The effort to upgrade, can it be higher than building it from scratch?
- If the tester that built the script is missing, is it worth updating?
- If the change is so big, is it worth upgrading?
- How can I see myself when the transaction changes?



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Today we have seen 2 methods to create the performance scripts automatically. This will allow us to:



Efficiency in design and construction



It allows maintenance



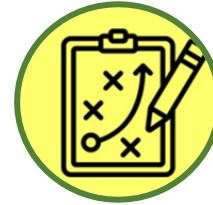
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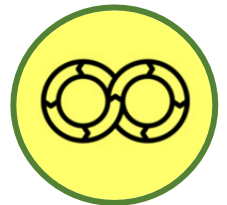
More coverage



Minimal participation



Change detection



Continuous Testing





**The performance tester or the performance engineer
follow the dinosaur's path...**





...evolve to in the biggest in the testing and software world...





Thanks

Performance Team's
Choucair Cárdenas Testing S.A.
Colombia

