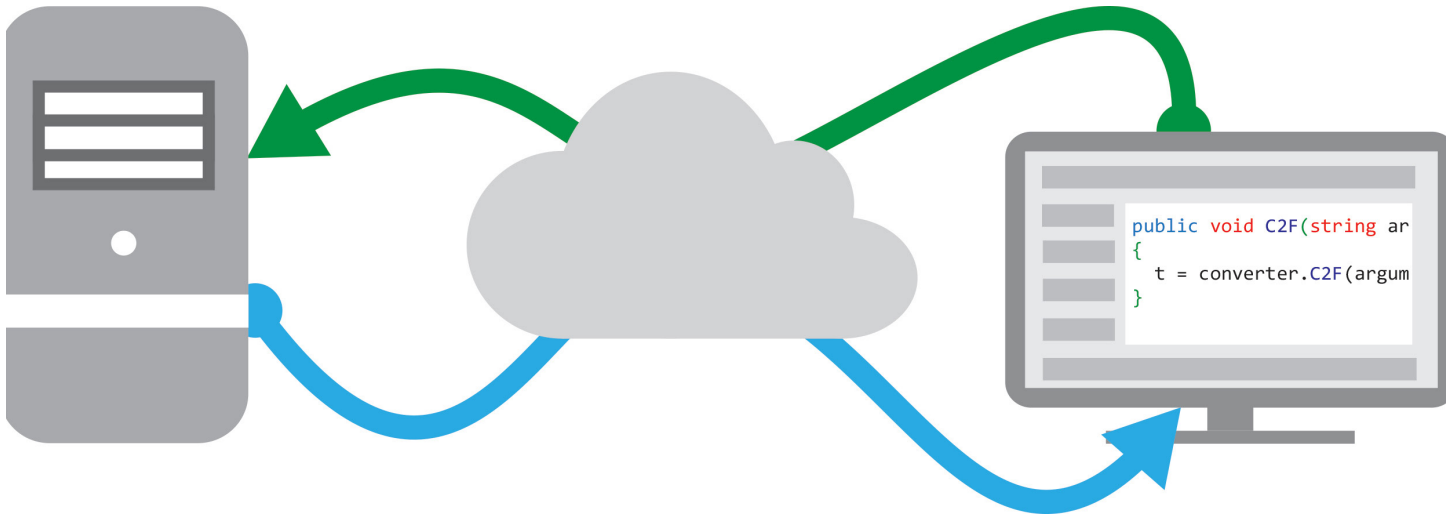


Test Automation for Cloud/SaaS based Applications – Selenium Vs. TestComplete



Selenium vs TestComplete

In the present environment where a gamut of automation tools is readily available, usually a question arises – which one is the best? The answer is not so easy, as it depends on a lot of factors like –

- script generation capability
- script reusability
- recording efficiency
- speed of execution
- playback capability
- cost
- Ease of use, etc.

Considering some of these parameters, now, let's try to compare Selenium with TestComplete.

Cost

Selenium is an open source tool on the other hand you need to spend around \$2k for the TestComplete platform.

Language Support and Scalability

Selenium supports Java, .Net, Perl, PHP, Python and Ruby. TestComplete supports scripting in VBScript, JSScript, DelphiScript, C++Script and C#Script.

Application Support

Selenium by default supports web applications. For additional support plugins could be used. TestComplete on the other hand needs no additional plugins.

Programming Skills Required

A greater amount of skills is required in using Seleni-

um in comparison to TestComplete. It needs quite a bit of expertise.

Environment Support

Selenium supports Windows , Linux , Solaris OS X , Others (If browser & JVM or Javascript support exists). TestComplete support only Windows platform.

Report Generation

It is an easy to use utility which comes with TestComplete. On the other hand there no such utility in Selenium. We need to use TestNG or Junit for the same.

So, based upon the application under test, you can select an automation tool. It's a choice between the different features available and considering which one of these is going to be critical in your case. There will be always some trade-offs while selections and it all boils down to using that technology which can help you at the moment.

ABOUT ZADO

Zado is a provider of test automation solutions with specific focus on web, mobile and cloud applications. Our framework-driven approach to test automation ensures reliability and performance of your applications in diverse environments and complexities.

Our Center of Excellence works towards ensuring the success of every test automation initiative of our customers, irrespective of the stage that they are in – startup, transitional or mature. We have successfully helped startup, ecommerce and Independent Software Vendors with their automation needs. Our goal is to ensure quality of your software using test automation optimally.

We are open to doing POCs and Pilots that prove our credibility. We also have an innovative engagement model, Enhance – Optimize – Transfer (EOT), where we implement automation testing and transition it to your local teams. Our points of intervention after that, will be only towards enhancing the automation framework.

Zado automation frameworks help manual testers write their own test scripts without the necessary automation expertise. This qualifies manual testers into automation testers, providing better economies of scale and faster ROI of your automation efforts.