

Justifying Selenium by Agile

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Abstract

We are going to discuss about selenium is open source and its connection to Agile. All fields get easily with construct program without more information from the user. Because it is a select program and suitable OS and languages all are automatically get converted and it shows digital world phenomena. Agile discusses with stake holder to get more information. Which is suitable language and OS? Because it is constructed traditionally or physically. Agile comes from 1970 and selenium from 2004. Basically the ideas of both are same. Physically still used traditional with legacy software. In digital performs will less than confuse to physical conversion. Physical is direct access by user in digital, but it is indirect access by developer. Both Agile and Selenium are selected for easy work to user or stake holder. Sometimes physical got errors in selection but not in digital. Hence, selenium is digital team of Agile.

Key words: Agile, Selenium, web browser, plat form, digital team

Introduction

The classifications of traditional and digital programming based on Agile. In computer processing which write a program about the project physically and implemented by Agile team. But in selenium unity of the sources by software tools or by digitally application, which relates interface automatically. In Agile the server of development team and sites to integrated are finally checking by itself. The goal of Agile and selenium for just comparison and do by physically or manually. Selenium converts automatically, whereas Agile team physically. Because the concept is correct context of program may be changed. In Selenium less work more performance. More work less performance that is Agile. Selenium is the asset of Agile.

Why needs this study?

Pros and Cons of Selenium

- i) To test Packages in Selenium, compare to Agile team work
- ii) To Understand the Selenium and Agile programming

Problem Testing

Selenium is selecting the automation while working as programmer, but user cannot. Agile get traditional by programmer or developer working as end user (because it is less work to programmer more work in Agile team for comparison). To develop each and every state developed after getting information that all steps physically completed. Then get training physically, software can test and maintained by Agile team. Selenium is flexible to adopt the programmer easy to convert and understand automatically. Digitally the state of the process is completed by software and minimizes the programmer's work. But Agile team maximizes the system use whether comparison between selenium and Agile both software developing process with all area and context of the systems.

Figure:1 Agile Life Cycle

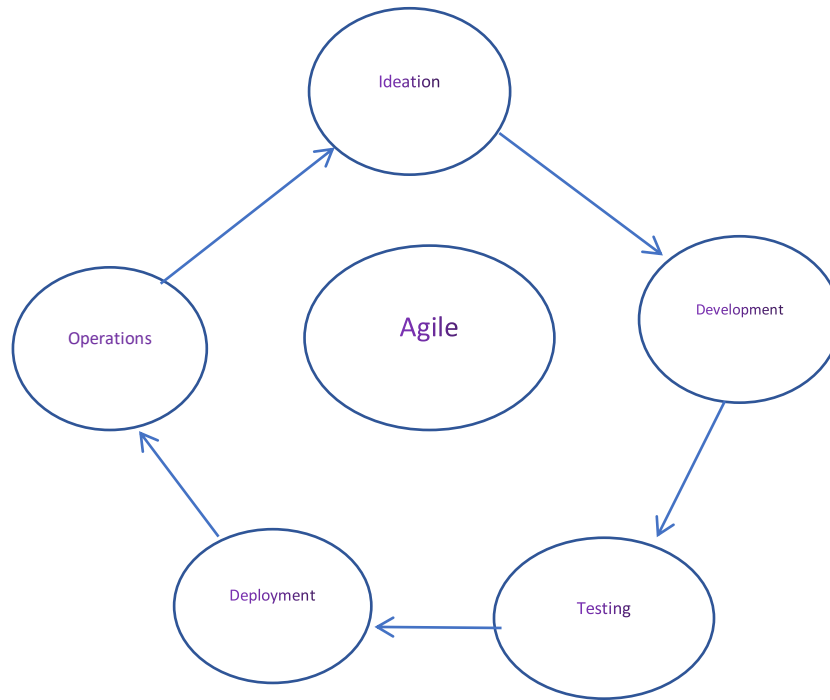


Figure:2 Selenium Life Cycle

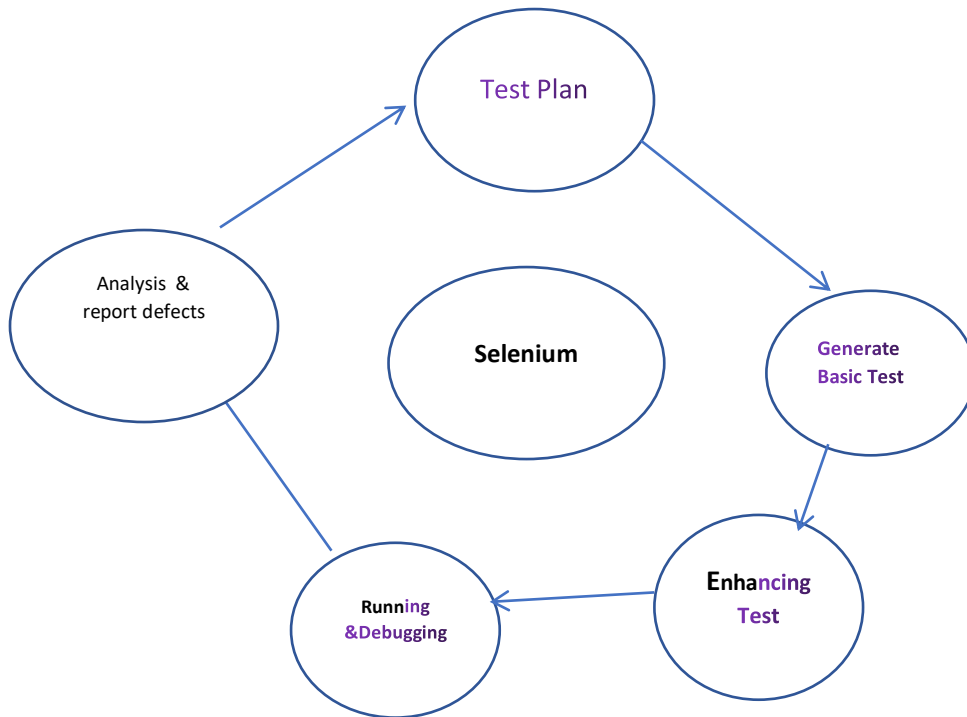
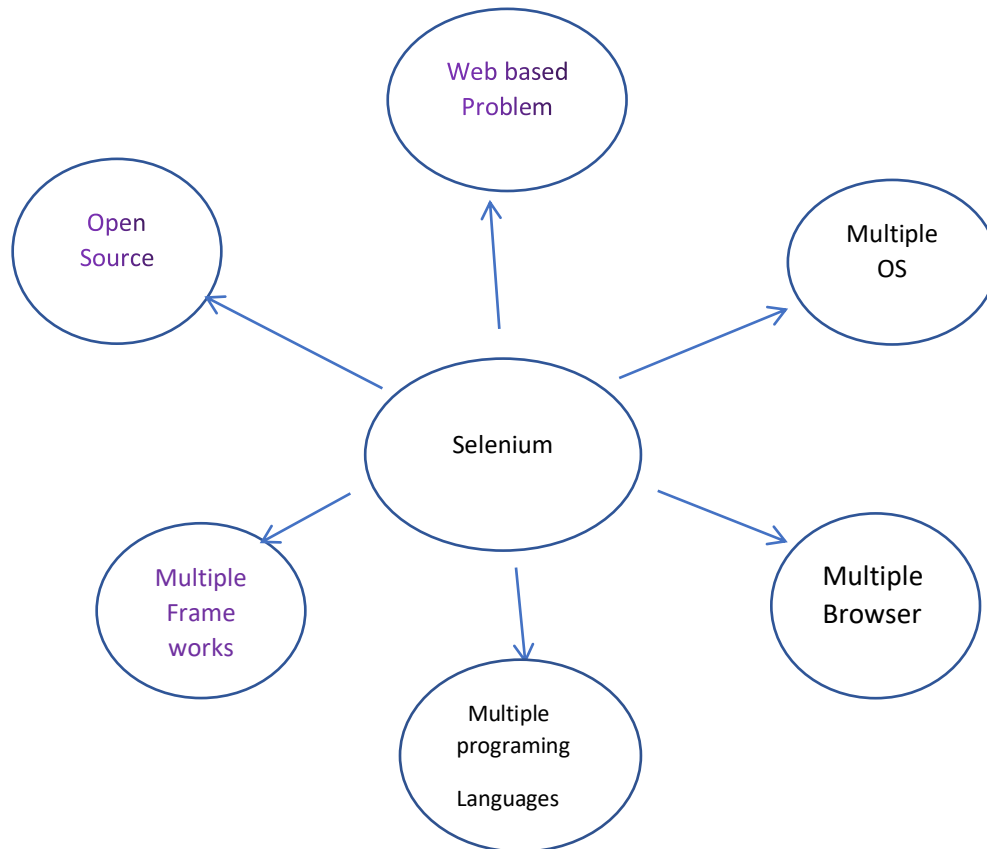


Figure:3 Selenium Process



Related work

Selenium has not a single tool but it has four components as follows:

- i) Selenium Grid
- ii) Selenium RC (Remote Control)
- iii) Selenium IDE (Integrated Development Environment)
- iv) Selenium Web Drive.

These are all available on all Web Browsers.

Advantages

- i) The integration in Agile process
 - ii) Flexible and extendibility along with Agile team
 - iii) Supports
- A) Multiple browsers as given under:
 Internet explorer, Firebox, Opera, Safari, etc.,

B)Multiple OS as follows:

Windows, Linux, Mac, etc.,

C)Object-oriented programming languages given below

Dot net, Ruby, Pearl, Java, C#

D)Range of IDE such as

Net beam, Eclipse

Disadvantage

The main disadvantages are as follows:

- i) Selenium supports browsers but not windows applications
- ii) It does not Upload files from local machines.
- iii) It gives partial support to dialog box.

Ideas

While Selenium is created the open sources languages either python or C# etc., is used which is an idea given by Agile. Agile is only platform independent and also language independent compilers. Now eclipse, net bean, visual studio all these give idea to Agile. But Agile is main ideation of the process to selenium. Selenium is not only OS, languages, and browser, it is combined to all software tools. Thus, software means combined ideation process of operations and executions. It is also flexible to change another new ideation like as Agile software.

Challenges

The Agile is enhances Selenium. Because it is properties of Agile. The question is What is a special understanding test software tool for users (User interface)? Thousands of tests in one-minute.1000 machines are used to 1000 tests and 1000 word as one machines? So, Sadly, most project allocated any one machine may to browser test support any non-browser (Example: Win 31, Java Applet, Java swing, Dot NET client) applications.

Conclusion

In 1970 Agile team developed software physically. It was popular and talked much at that time. It is developed software applications such that it is flexible as well as extensible to programmer. Selenium is great boon of developer or programmer. It is also extensible and flexible to software. Because this reduces the cost and QTP (Quick Test Professional) using the software. Hence Selenium is open source and portable compared to Agile.

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