

Your Personalized Test Automation Capabilities Matrix

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Questions

1) What methodologies do you use in your Software Development Cycle?

Answer : [DevOps/ CI / CD](#)

2) What kind of testing does your team/company currently support?

Answer : [API/Websphere Testing](#)

3) Do you prefer Open Source and/or Commercial tools?

Answer : [Commercial Tool](#)

4) What is the Enterprise tool used for Software Development Life Cycle?

Answer : [GITS](#)

5) How frequent are your release cycles?

Answer : [Semi Annual](#)

6) What platform is the application used on?

Answer : [MainFrame](#)

7) What are the major browsers used?

Answer : [Chrome](#)

8) What major hardware do you use?

Answer : [Citrix](#)

9) What kind of testing service do you have?

Answer : [Individual Contributor](#)

10) What are the skill sets already existing within the team/company?

Answer : [Both](#)

Thank you for completing the survey. An SDLC Partners Representative will be in contact with you soon to discuss the summary of assessment report.

Should you need support prior to then, please contact us at xxx-xxx-xxxx.

Summary of Assessment Report

Tool

Commercial tools give an option of testing non-browser based applications unlike opensource tools. Using them for a desktop and mainframe-based application is a good path to take for test automation. Our suggestion would be to focus on increasing your test coverage. Choosing Enterprise tools for Mainframe test automation gives more reliable tech support and well protected data. SDLC partners has vast experience in HP UFT and IBM Rational Functional Tester when it comes to Mainframe testing. Benefit of these tools are robust scripts, easy maintenance and more test coverage. Open source tools seem cost effective but require more time to build framework and updating scripts, also getting same level of test coverage as enterprise tools do require more experience. Taking this route will bring more confidence, effective and reliable Automation testing to your company. SDLC company will bring you more valuable and reliable Automation testing with its reach resources.

Windows laptop are supported by most automation testing tool. Since Mac OS is based on Unix, many open source functional testing tools that support this platform or that are using the Java Virtual Machine (JVM) can also run on Mac OS. If you have Citrix application, there are not many that developed specifically for Citrix testing. Leapwork provides Automated testing of Citrix and other virtual desktops. We as a team from SDLC, can help you in achieving better test coverage by providing the best automation practices and thus delivering a defect free product.

If your organization currently have enterprise tool, you can get additional benefits such as Requirement tracability, Test report, Deployment, Continuous Integration System... etc. Github and Git are good source control tools. Git is easy to use locally for managing your own code. We as a team from SDLC, can help you in achieving better test coverage by providing the best automation practices and thus delivering a defect free product.

ROI (Return of Investment)

From the survey completed by your organization, you are using DevOps/ CI/ CD methodology. Greater ROI can be realized by focussing on smoke tests and sanity tests which will be run during every deployment cycle. In addition, there will be greater ROI when automation is used for multiple types of testing, platforms, or browsers, because that creates additional opportunities for automation.

Regarding existing skill set, Record and play techniques will not have as much ROI as descriptive programming based techniques, because they are likely to fail after the initial test run and require much more maintenance. Our suggestion is to consider using descriptive programming. SDLC can help you in building descriptive programming scripts.

Resource

For Individual Contributor, It will require automation engineers with QA background. SDLC is an expertise in Managed service. We also have excellent resources who can work alone or being a part of your team.