Harbinger Systems

Question and Answers

Q: Are all these tasks specified in the Automation Life Cycle Using HIHAF© mandatory?

All the tasks specified in the Automation Life Cycle are recommended as best practice. By skipping one or more of these tasks could impact negatively on efficiency and maintainability of the automation suite.

Q: How much % of automation can be achieved by using this framework?

Although this framework supports automation for most of the Web based and Windows based objects, the coverage also depends upon technological and physical constraints of automating a particular scenario. Typically 80 – 85 % automation is feasible in most of the cases.

Q: How do we switch from actions on Web objects to actions on Windows objects or vice versa?

There is no need to switch explicitly from actions on Web object to actions on Windows object. The only thing that would matter is to select the appropriate Keyword, Object name and its appropriate property from Keyword library (Web or Windows) and from Object repository (Web or Windows), as per the scenario.

Q: How much % of saving could we get from maintenance efforts?

The saving in maintenance effort depends upon many factors like – no. of OS and browser combinations supported, frequency of execution, delta changes in UI and functionality from release over release, etc. But based on the experience in the projects where we have implemented HIHAF© for automation, we have experienced around 75% of saving in maintenance efforts over traditional way of implementing automation.

Q: Can a script be executed on all the 4 browsers simultaneously?

No, we implemented "Grid" feature in one of the projects but amount maintenance effort that gets added due to the "Grid" feature (parallel execution) is much higher than the benefit we get, so we recommend not to use "Grid" feature.

Instead, we recommend deploying this framework on 4 machines. Then we need to specify different browser on each machine, and execute the same suite on 4 machines simultaneously. This gives the same result as "Grid" execution but without its extra overhead.

Q: What happens if the browser crashes during automation execution?

As a best practice we launch browser at the start of every script and close the browser at the end of every script. So during execution of a test script, if browser crashes, all the remaining commands in the current script will fail and the control would move to next script. As every script launches new browser, it can continue as if nothing has happened. So only the current script (when browser crashed) would fail but it would not have an impact on execution of remaining scripts in the test suite.

Q: Is HIHAF© licensed?

No, we provide this framework to all our clients at no extra cost.

Q: Since the script execution requires HIHAF ©, what happens when the contract with Harbinger System is over?

If any of our customers decides to call of the contract, we provide all the automation scripts, developed for his project along with all dependent files including binary of framework. So he can continue to execute and maintain all the automation scripts without any dependency on Harbinger Systems.

Q. Will you post the recording or presentation slides of this webinar?

Yes, you can view the recording and presentation slides of the webinar by visiting this link: http://www.harbinger-systems.com/insights/webinar/simplifying-test-automation-using-harbingers-automation-framework

If you have any further questions or would like more details about the webinar and our services or would like to get notified about our next webinar, please let us know at: hsplinfo@harbingergroup.com

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