Visual Automation Testing

When conducting tests on a website with different environment or domains, visual automation testing can be helpful to reduce the time and cost it takes to run these tests. Visual automation testing ensures that the website, after having fixed bugs or introduce new features, has the previous elements and themes correctly placed.

To perform visual automation testing we are going to use Wraith and spectre, both of which are open source software. Wraith takes screenshots of the different pages on the website and can be used to compare two different domains and analyze changes in the positioning of components. Wraith is run using phantomJS as the browser in the background. Spectre uses Ruby on rails and takes screenshots in real time and produces the pass or fail result at realtime.