**Introduction to Visual Automation Testing**

**Overview**

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 explore the usage of Wraith and spectre, both of which are open source software. These automation tools take screenshots of the website from different domains and compare each other, for example, using a live and development website. This helps to see if any code changes to the site introduces new bugs to the theming of the pages.

Both Wraith and Spectre provide a quicker method to compare all the pages against each other. To read more on these tools take a look at the following website:

Wraith:

<https://bbc-news.github.io/wraith/>

Spectre:

<https://github.com/wearefriday/spectre>