

ESP1851

## **Robotic Testing of Mobile Apps for Truly Black-Box Automation**

Robots are widely used for many repetitive tasks. Why not software testing? Robotic Testing could give testers a completely new form of ‘black box’ testing, that is inherently more black box than anything witnessed previously. This article provides a comparison between the state-of-the-art simulated-based mobile test automation and our proposed robotic mobile testing. We give with scenarios for which robotic testing is beneficial (even essential), introducing a robotic mobile device test generator, Axiz. We illustrate the application of Axiz to a popular Google Calculator app.