

Typically, one has to configure the website in certain ways in order to disable the CAPTCHA for testing purpose. Thought this will help automate the test in a smoother way but then the security of the application would be compromised.

CAPTCHA can be automated if you are able to decode the image using OCR (Optical Character Recognition). For that, one will need to write complex algorithm to sort out the image pattern and has to be an expert in image pattern mapping as well. But images with the passage of time have become progressively more unreadable, therefore reducing the very chances of CAPTCHA automation.

There is just one way to bypass CAPTCHA but it will not automate it. User will have to enter the CAPTCHA text himself while other fields will be filled automatically. Using this, automation engineers can achieve the target of complete web automation to some extent. The only way is using the WAIT command. Use wait and enter CAPTCHA manually while script is in wait.

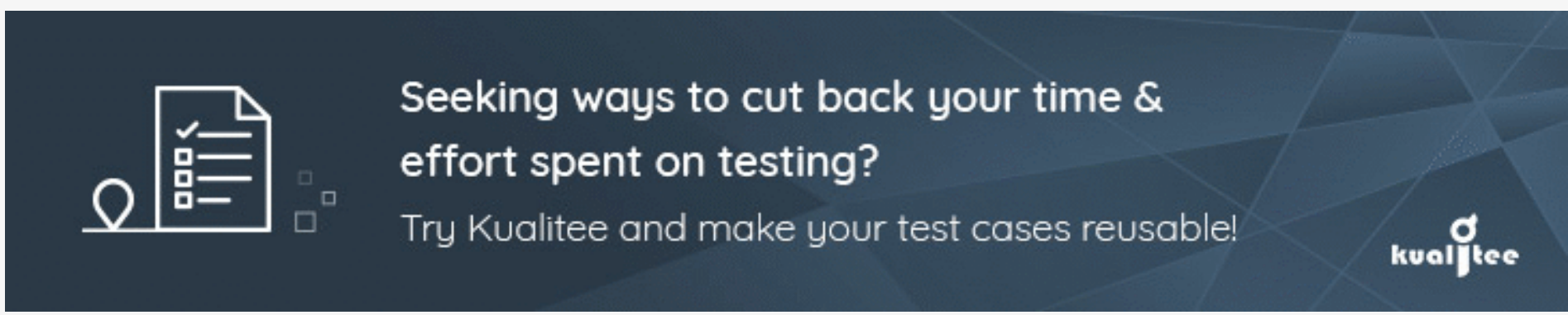
```
WebDriverWait wait = new WebDriverWait ( );
{ return d.FindElement ( // here we can use any locator that identifies a successful / unsuccessful login ) );
```

The above mentioned ways are the only verified ways to handle CAPTCHA using Selenium Web Driver. Therefore, it is now very much clear that not everything can (or should) be automated, and CAPTCHA is one example where manual testing would still be needed. Hence, very simply, if there are any other ways around to handle CAPTCHA in Selenium, then the CAPTCHA is broken and pretty much useless!

Read more: [Top Software Testing Companies to Work within 2019](#)

### REFERENCE:

- ▶ <http://en.wikipedia.org/wiki/CAPTCHA>
- ▶ <http://stackoverflow.com/questions/25491953/how-to-handle-online-captchas-in-webdriver>
- ▶ <http://grokbase.com/t/gg/webdriver/125g5mhap4/how-to-handle-captcha-in-automation>



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