DIGITAL AND AUTOMATION TEST ADOPTION

TOPIC

DATE **15-JUNE-2018**   SPEAKER **PRASHANT NAYAK**

QA Trend we will focus in near future

* Open source will push commercial tool innovation
* Buckle up: You'll need new skills
* The role of visual comparison tools may diminish
* In 2019, it's all about speed
* Continuous testing will cause tool consolidation
* broad trends(AI/BlockChain,Internet of Things (IoT)) affect on Automation testing.

Open source will push commercial tool innovation

* Cypress does not use Selenium.

* US based startup company

* In beta

* Expected to be release in Q3 of 2018

* 200+ active beta users

* Cypress enables you to write all types of tests:
  End to end tests,
  Integration tests,
  Unit tests

* Cypress is a free and open source

* It runs on chrome and headless chrome in CI mode

Before Cypress   **vs**   ✨ **With Cypress** ✨

Choose an assertion library

Chai

Expect.js

Choose a framework

Mocha

Jasmine   QUnit

Karma

Install

Selenium

Choose a Selenium wrapper

Protractor

Nightwatch   Webdriver

Add additional libraries

Sinon

TestDouble

End-to-end tests

cypress

All-in-one testing framework, assertion library, with mocking and stubbing, all without Selenium.