

#### DT<sub>6</sub>

Integrating Testing into DevOps
Thursday, November 8th, 2018 11:30 AM

## **Continuous Load Testing for DevOps**

Presented by:

### **Kevin Dunne**

Tricentis

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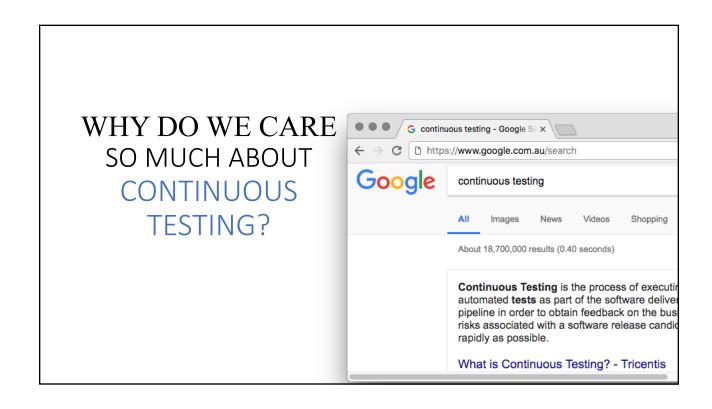


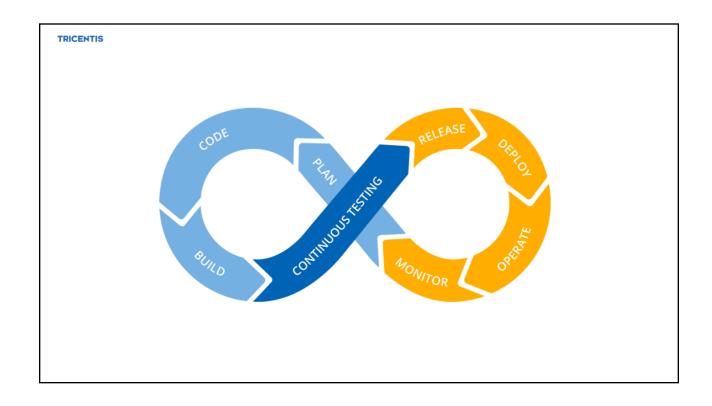
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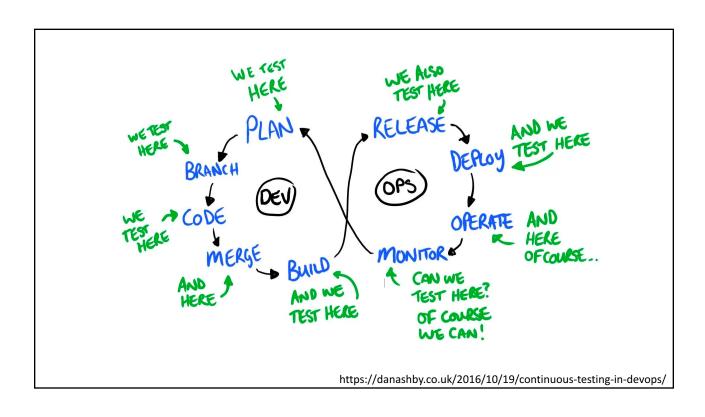
## **Kevin Dunne**

Kevin Dunne is the general manager of Tricentis Flood, ensuring their continued commitment to innovation and delivering tools to create software that scales. With a deep interest in the emerging trends in software development and testing, Kevin is dedicated to collaborating with thought leaders in this space. Kevin comes to Tricentis, the parent company of Flood, thanks to its joining forces with QASymphony, where he was one of the first employees. Kevin has seen many facets of the business, working in sales, customer support, marketing, and product management, and has managed testing on large government and Fortune 500 engagements while delivering ERP implementations and custom software development. Kevin holds a bachelor of science degree from Vanderbilt University.





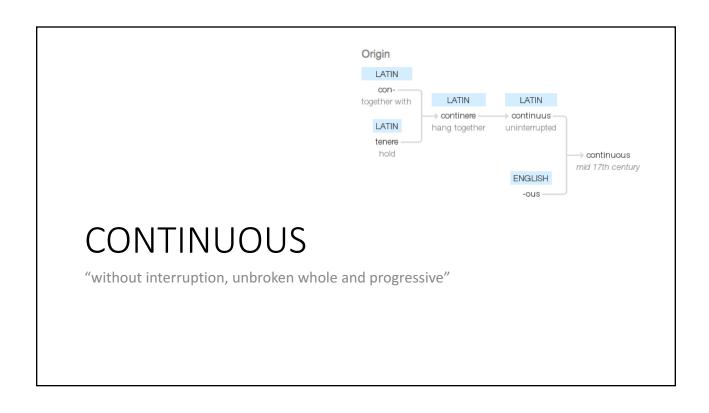




# LOAD TESTING

"putting demand on a system and measuring it for performance"



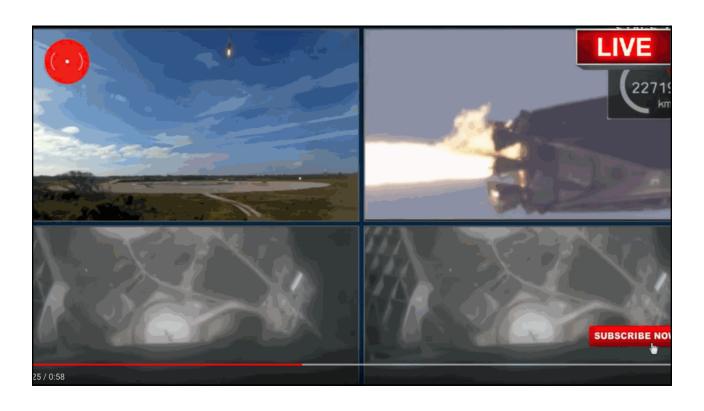






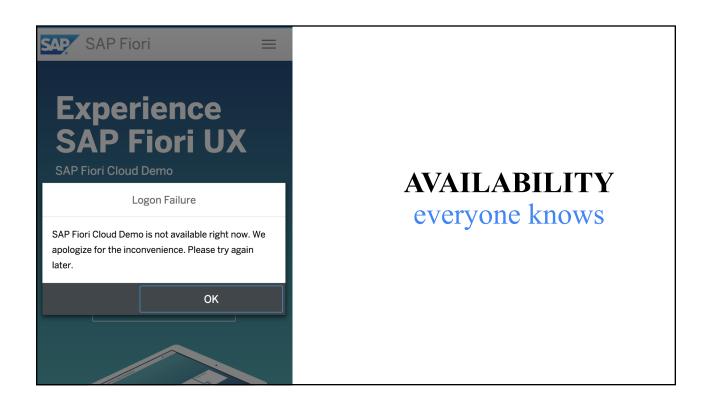


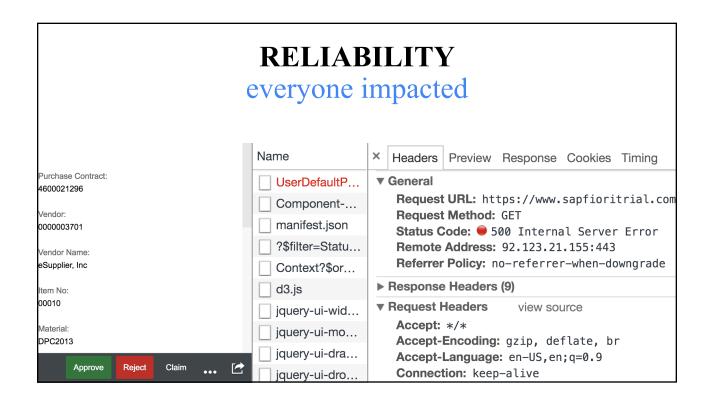


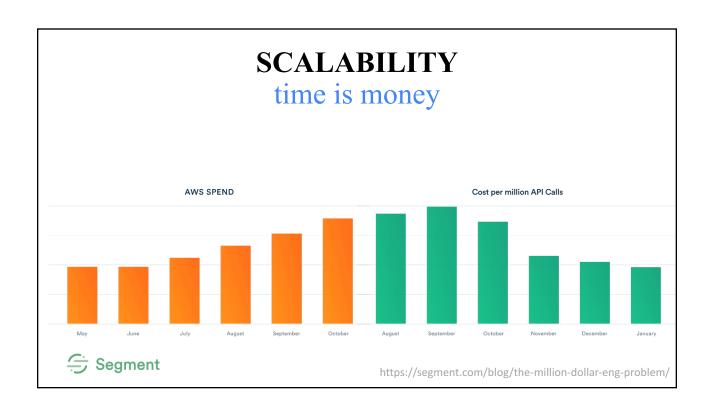


#### WHY DO WE CARE SO MUCH ABOUT **CONTINUOUS LOAD TESTING?** ● ● G continuous load testing - Goog × \ $\leftarrow$ $\rightarrow$ C $\Box$ https://www.google.at/search?q=continuous+load+testing : Google continuous load testing Q Images Videos Shopping Settings Tools About 4.720.000 results (0,47 seconds) Continuous Load Testing | Tricentis https://www.tricentis.com/software-testing-tools/continuous-load-testing/ Whether your team is already using open source load test tools or you have Tricentis Tosca test cases which will power load testing as well as functional testing— it's easy to make Continuous Load Testing part of your delivery pipeline.



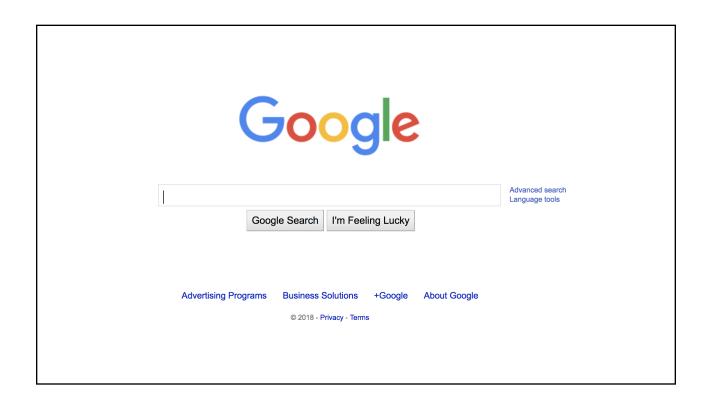


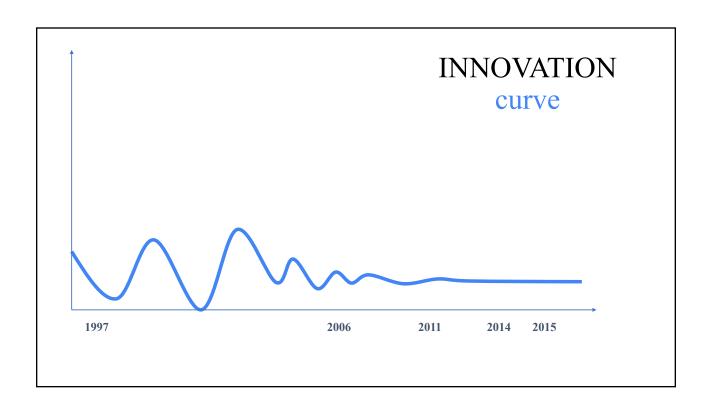


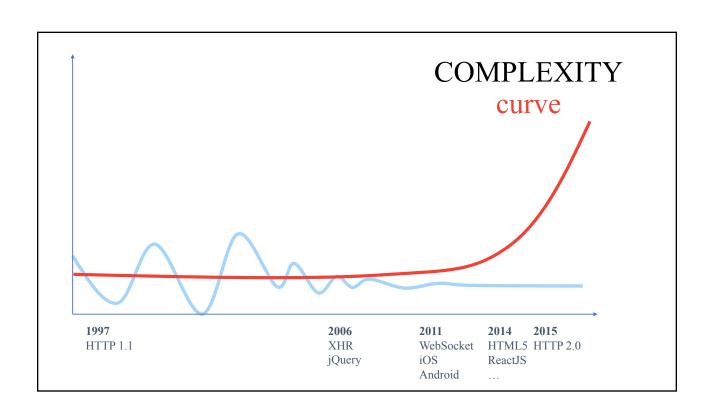


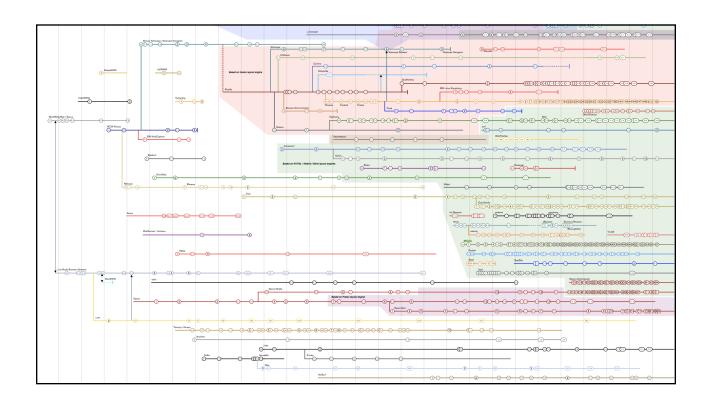




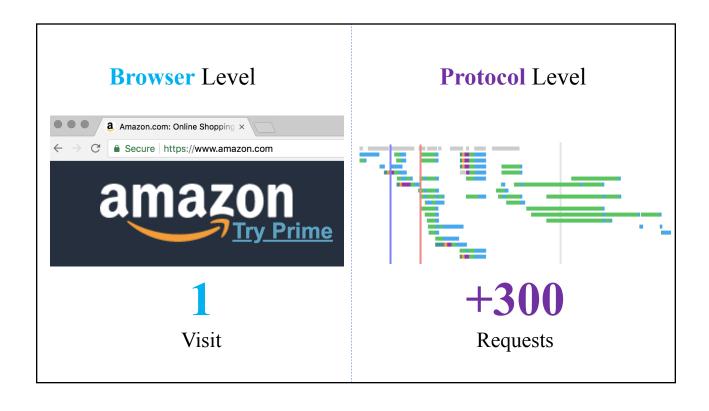


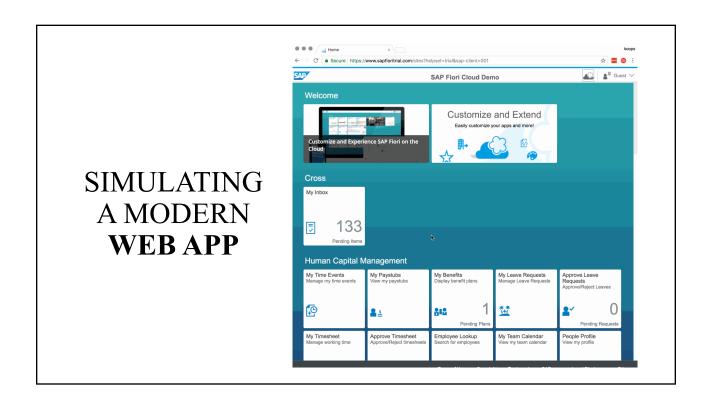


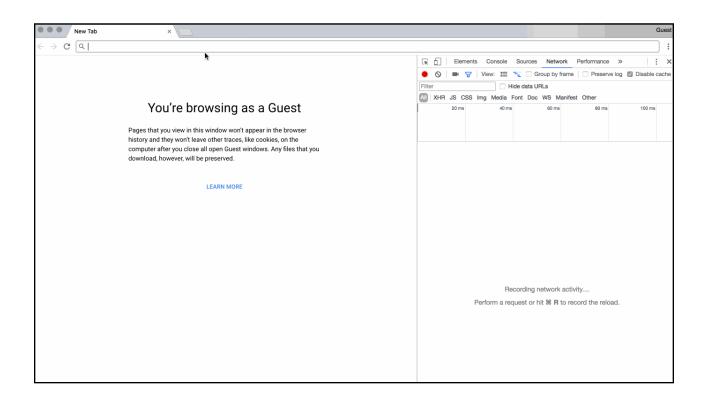


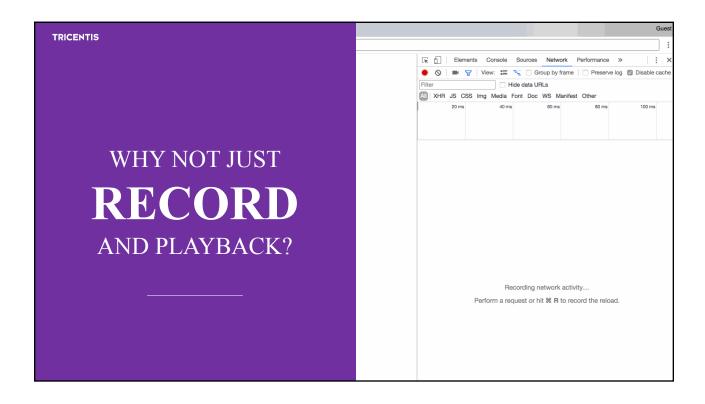


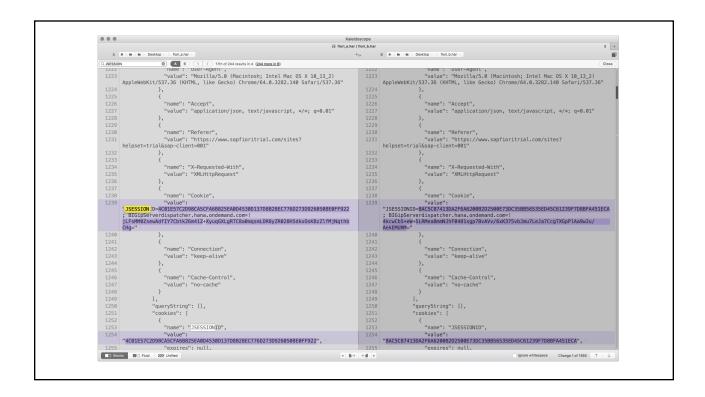


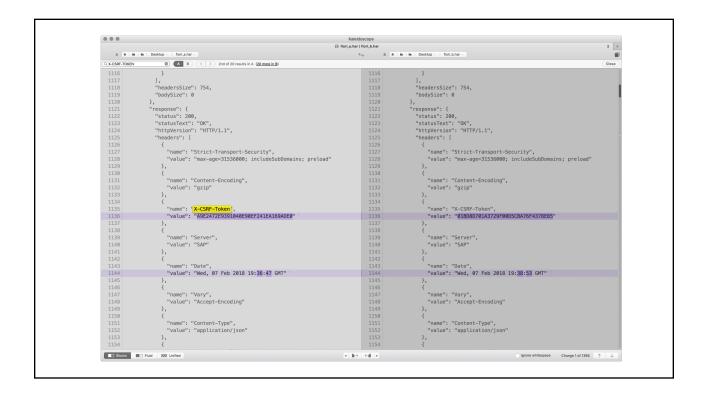


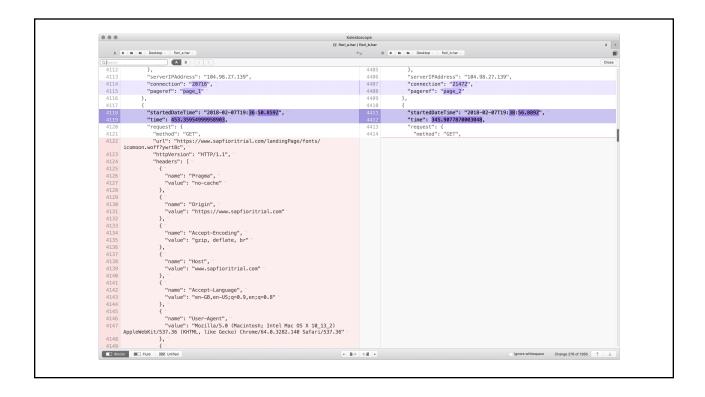


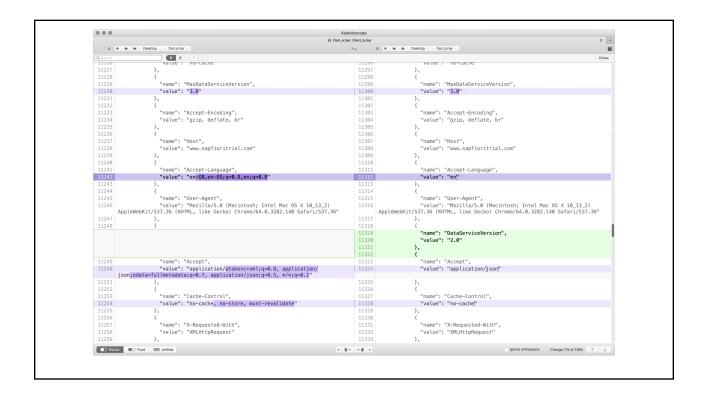


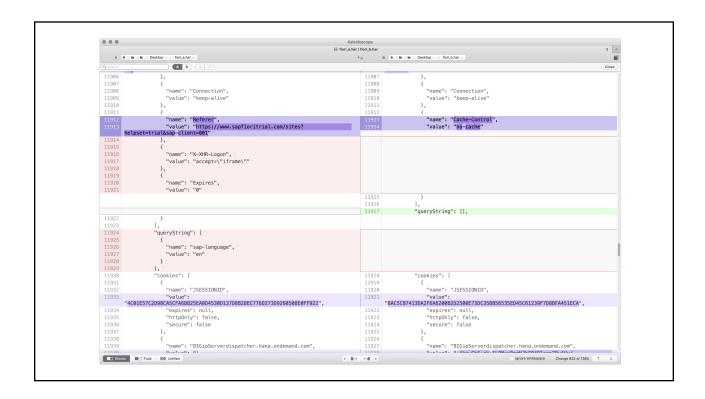


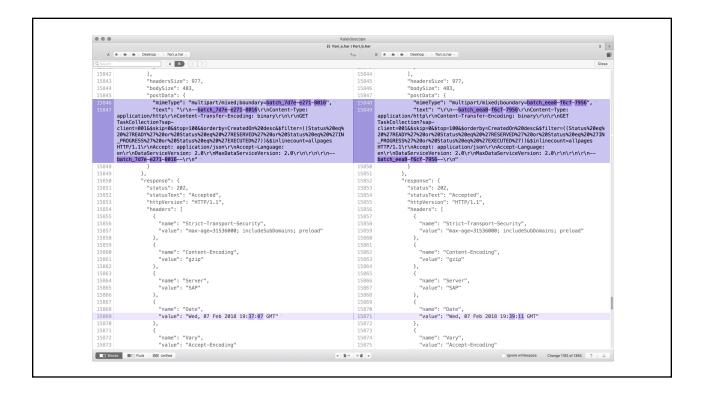






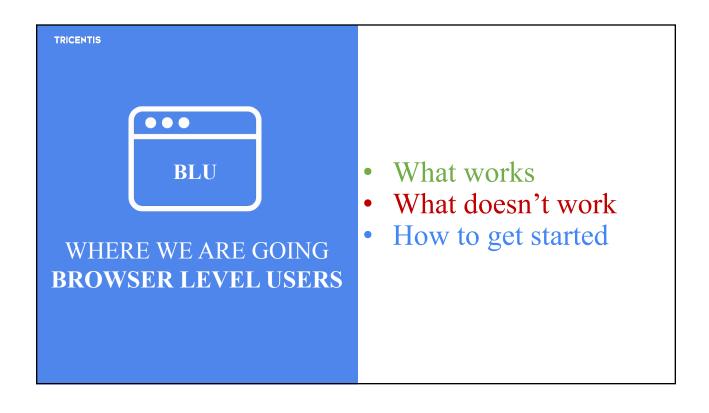


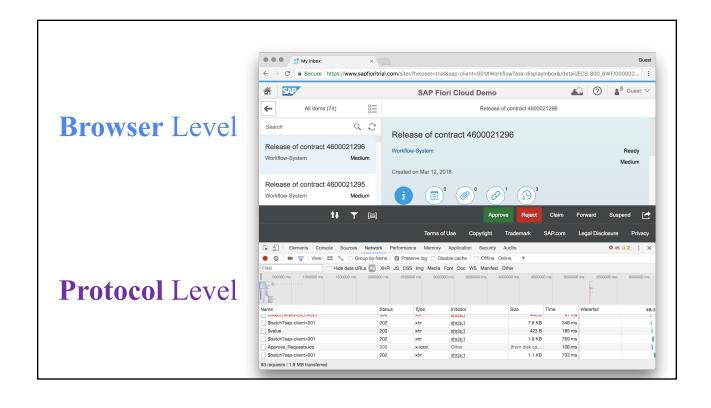


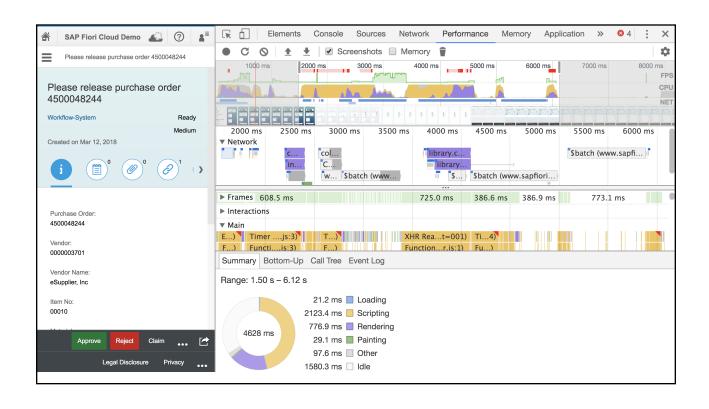


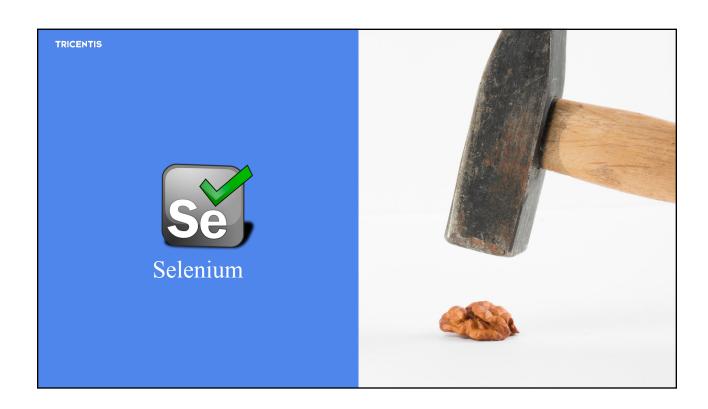




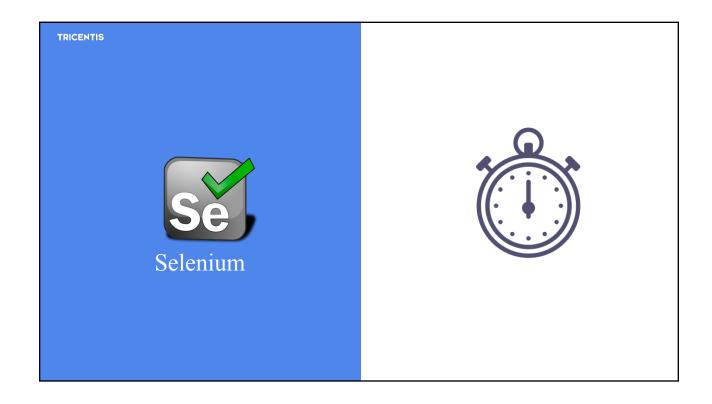














## Enjoy the style of Selenium

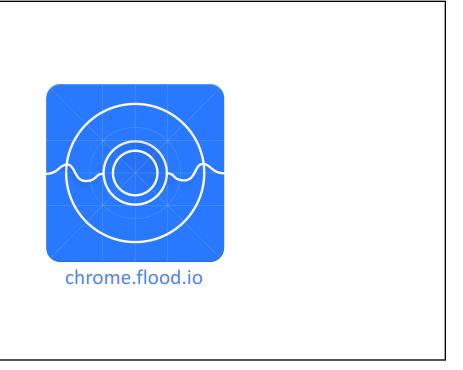
```
step('example', async browser => {
    await browser.visit('https://www.google.com/ncr')

await browser.type(By.name('q'), 'Browser Level Users')
    await browser.findElement(By.name('btnK')).click()

await browser.wait(Until.elementIsVisible('Level Up Your Load Testing'))
})
```

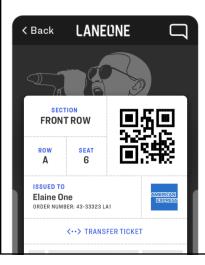


## and the **power** of Puppeteer



```
1 export default () => {
2    step('Challenge: Start', async browser => {
3        await browser.visit('https://challenge.flood.io/')
4        await browser.click(By.css('input.btn-default'))
5    })
6
7    step('Challenge: Step 2', async browser => {
8        let selectEl = By.id('challenger_age')
9        await browser.wait(Until.elementIsVisible(selectEl))
10        await browser.selectByValue(selectEl, '30')
11        await browser.selectByValue(selectEl, '30')
12    })
13
14    step('Challenge: Step 3', async browser => {
15        let orderLabels = await browser.findElements(By.css('table tr td span label'))
16        let orderValues = await Promise.all(orderLabels.map(label => label.text()))
17    })
18 }
```

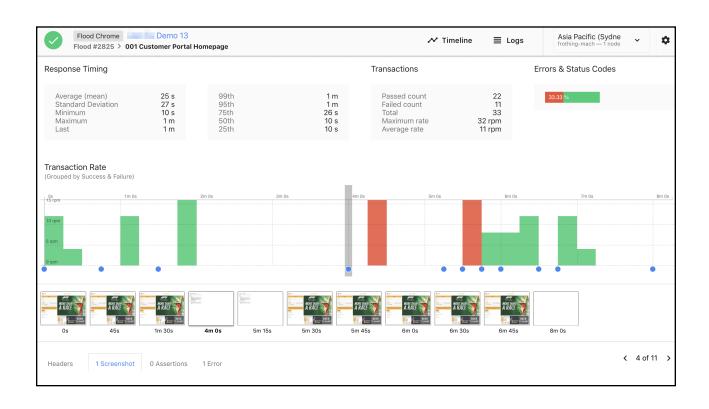
We love how Flood lets us quickly and efficiently get about the business of load testing ...

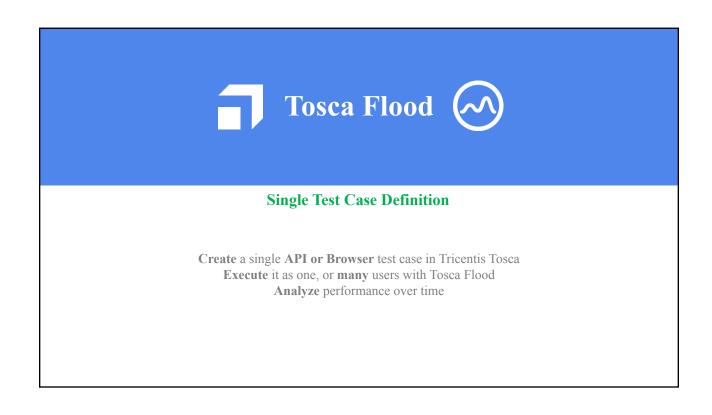


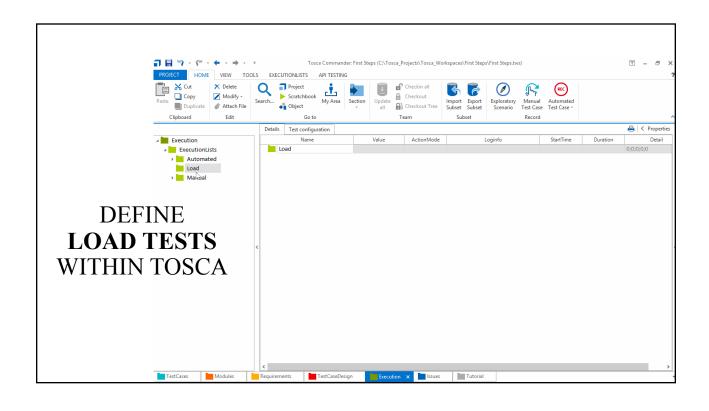
Event ticketing for some of the world's most successful touring acts like the Eagles and Harry Styles means you have to be ready for big traffic spikes and meet the high expectations of customers as well as eminent partners such as American Express and Ticketmaster. Tricentis Flood was exactly what we needed: a cloud-based load testing platform that would let us distribute both protocollevel testing and browser-level testing.

Josh Cronemeyer, CTO of LaneOne

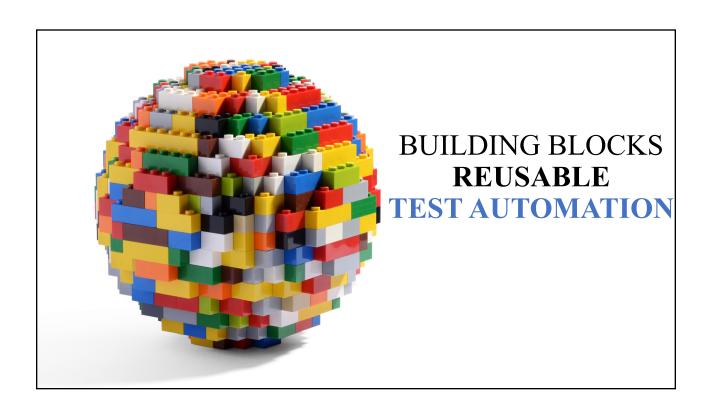


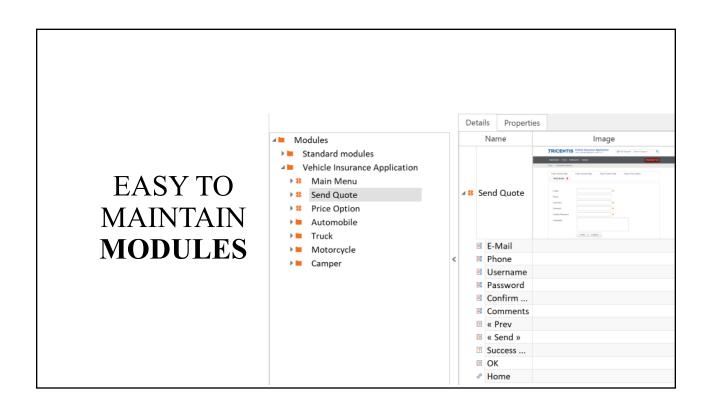


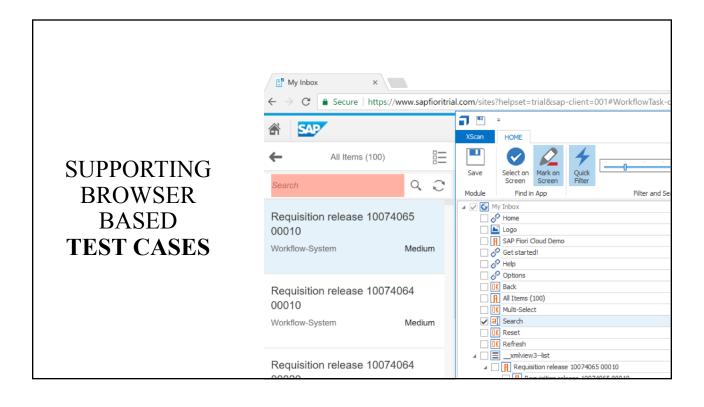


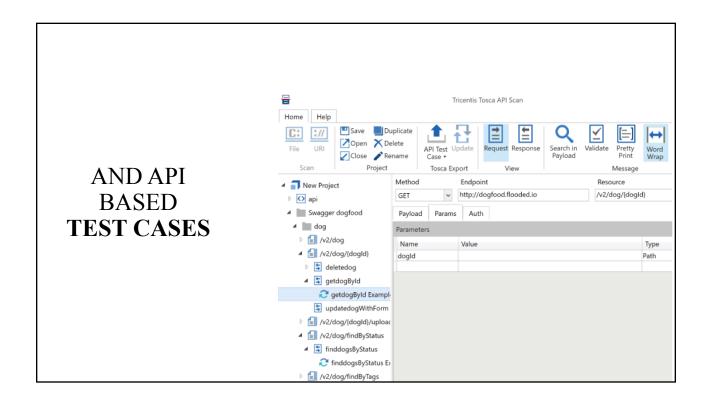


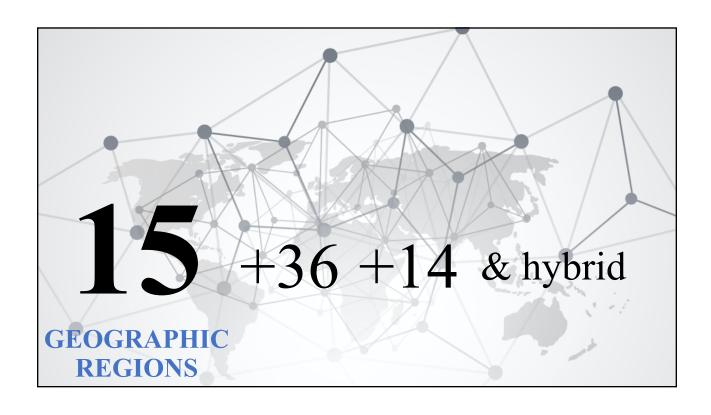




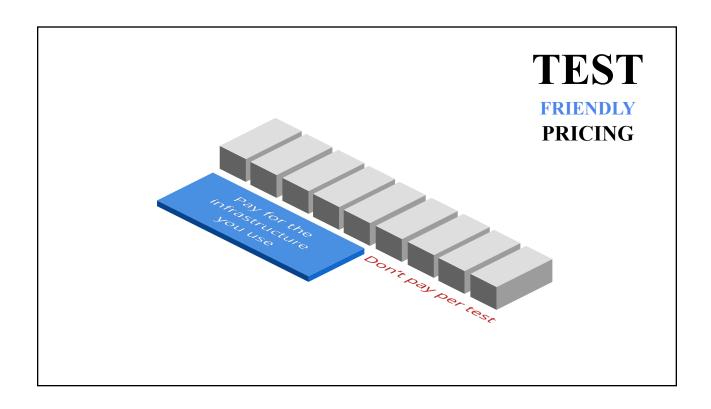




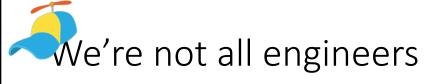












And we're not suggesting you need to be



# We can all talk about performance

and availability and reliability and scalability



