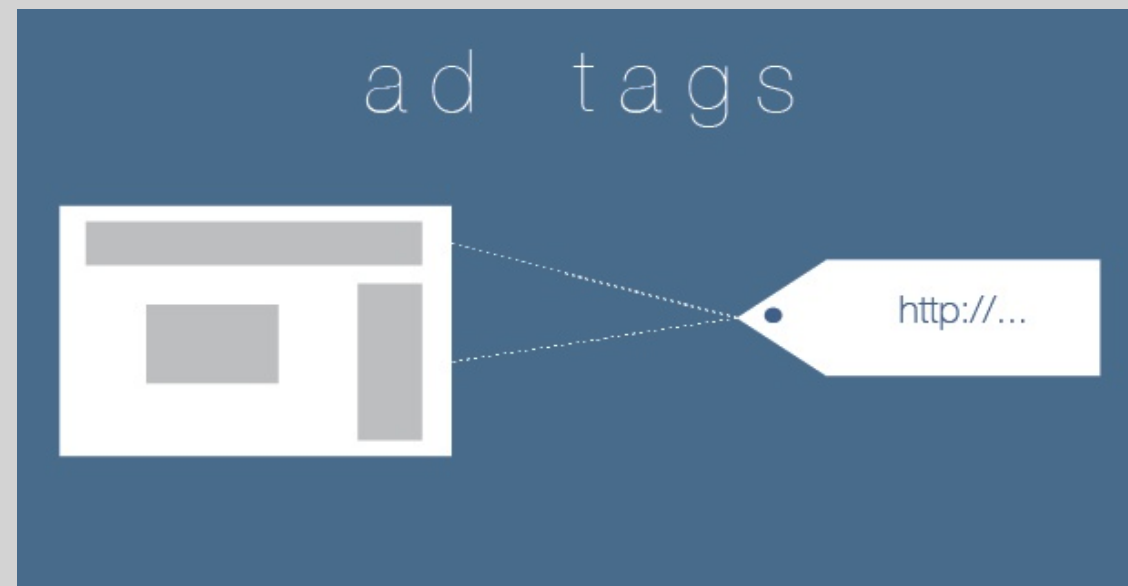# Ad-Tag template Testing

Mechanism to test ad-tags template generated by us across devices and browser configuration

Why ?

- To get confidence on our ad_tag template, that it will be rendered correctly on any browser/devices

- We can show :
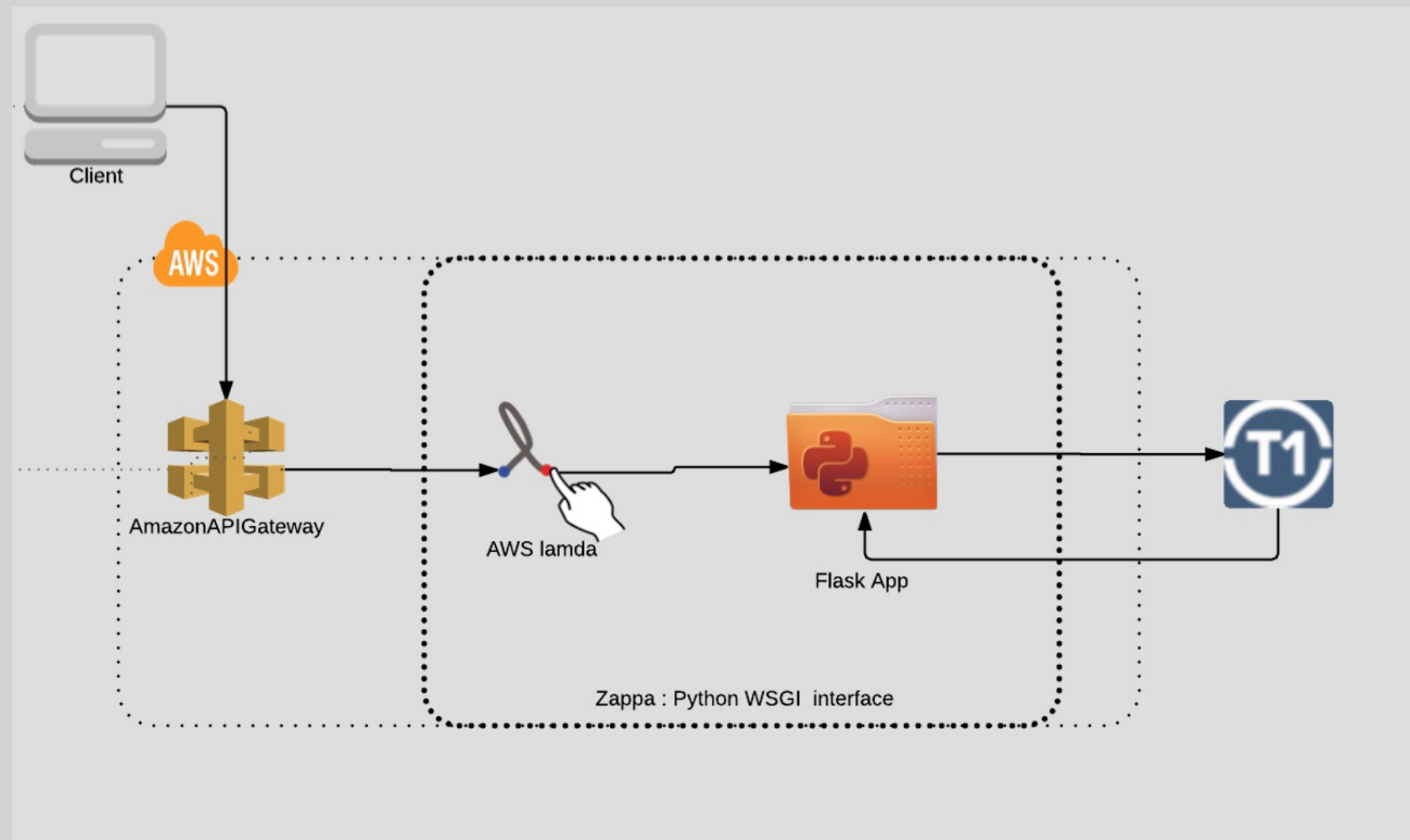

- T1AS ad_tag, No more

What

- A simple webpage, with loaded t1as_ad tag

- Open this webpage on different devices, and run various test to check for different criteria.

How we built

- Serverless webpage (without permanent infrastructure)
  - Infinite scalability
  - High availability
  - Cost efficiency

How we test

- BrowserStack
  - cloud-based cross-browser testing tool

- OS /Browser/ resolution

- Mobile devices

How we test

- Selenium Webdriver to interact with webpage, and run our test

- Every Test runs based on the device configuration you set on config file
e.g.

```
capability = {
    'chrome': {'browser': 'Chrome', 'browser_version': '60.0', 'os': 'Windows', 'os_version': '7', 'resolution': '1024x768', 'browserstack.networkLogs': 'true'},
    'ie': {'browser': 'IE', 'browser_version': '11.0', 'os': 'Windows', 'os_version': '7', 'resolution': '1024x768', 'browserstack.networkLogs': 'true'},
    'iphone_5': {'browserName': 'iPhone', 'platform': 'MAC', 'device': 'iPhone 5'},
    'iphone_7': {'device': 'iPhone 7', 'realMobile': 'true', 'os_version': '10.0'},
    'iphone_6s':{'browserName': 'iPhone', 'platform': 'MAC', 'device': 'iPhone 6S Plus'},
    'ipad_pro': {'browserName': 'iPad', 'platform': 'MAC', 'device': 'iPad Pro'},
    'galaxy_s7': {'device': 'Samsung Galaxy S7', 'realMobile': 'true', 'os_version': '6.0'},
}
```

- BrowserStack provides detail report of the testrun
  - Console logs for any javascript error
  - Network logs
  - Screenshot(if requested) and video recording of every testrun

MediaMath

Questions