Acing Debugging Tools



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Clear Error Text



Timeout Error: Timeout 1000ms exceeded



Error: Unknown engine "my-id" while parsing selector my-id=surnameInput



Error: strict mode violation: selector resolved to 2 elements



Error: Pass { acceptDownloads: true } when you are creating your browser context

Debugging at Runtime

Monitoring HTTP Traffic

```
page.onResponse(r -> System.out.println("<<" + r.status()));

// OR
page.onResponse(r -> responses.add(r.status()));
```

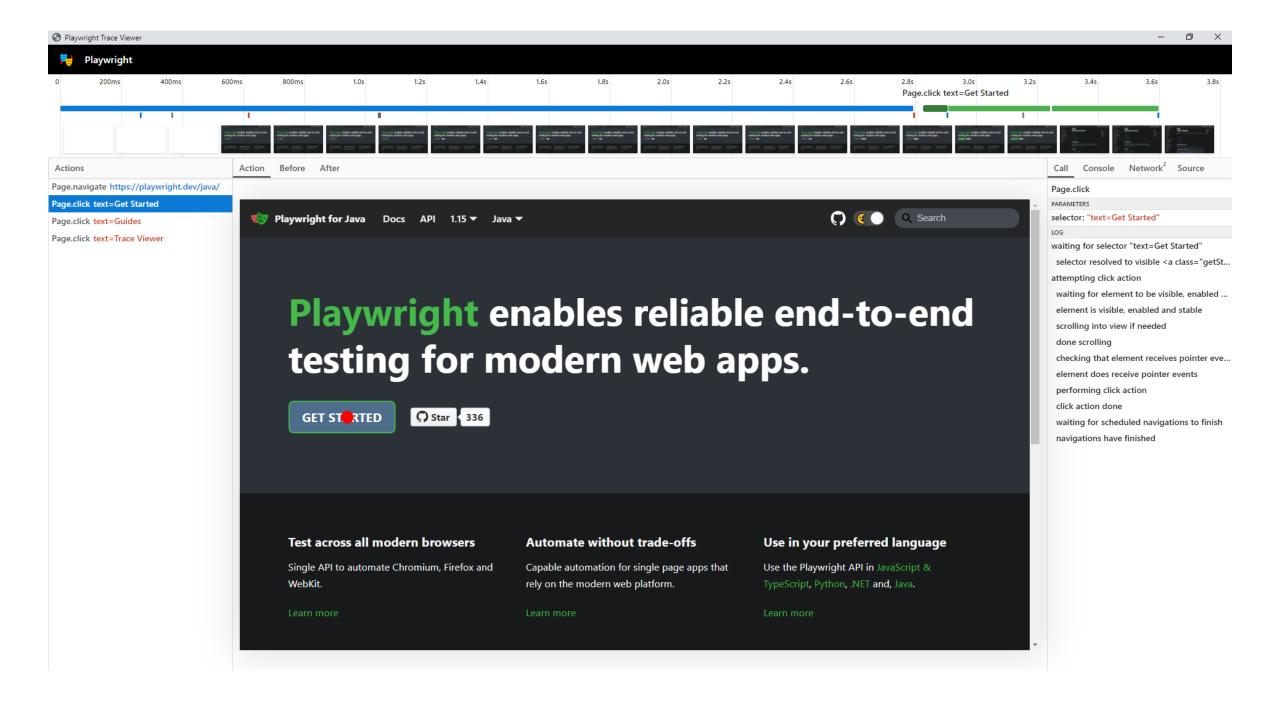
Overview



Monitoring and handling console messages

Trace Viewer

Inspector



Trace Viewer



Debugging tool used after the test run

To use:

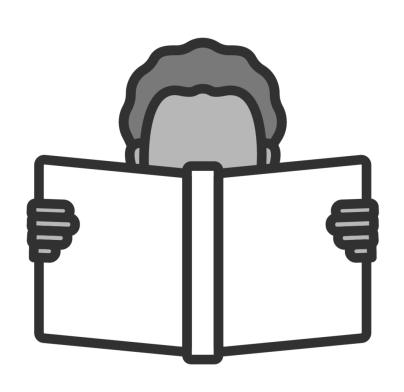
- add context.tracing().start()
- add context.tracing().stop()
- run a command

```
context.tracing().start(new Tracing.StartOptions()
                .setScreenshots(true)
                .setSnapshots(true)
// steps
context.tracing().stop(new Tracing.StopOptions()
                .setPath(Paths.get("trace.zip")));
```



What wasn't covered

Further Study



Automation tools:

- Getting Started with TestNG
- REST Assured Fundamentals

Principles:

- Fundamentals of Test Automation in Java
- Java: Writing Readable and Maintainable Code

- Playwright Fundamentals •
- Basic & Advanced Actions
 - Configuring Tests
 - Network •
 - Debugging •



Rating







Thank you!

(Happy coding)



