

I. Intros and expectations

- A. Why are you here?
- B. What Tools do you currently use?
- C. What Tools have you heard of - what is interesting?
- D. Build agenda

II. Tools

A. Tools to download & install

- 1. Visual Studio Code: <https://code.visualstudio.com/>
- 2. NodeJS (if you don't already have it): <https://nodejs.org/en/>
- 3. Postman: <https://www.getpostman.com/downloads/>
- 4. Docker: <https://www.docker.com/products/docker-desktop>
 - a) FYI you'll have to create an account
- 5. CypressIO: <https://www.cypress.io/>

B. Chrome Browser Extensions

- 1. Momentum
 - a) <https://chrome.google.com/webstore/detail/momentum/laookkfknppbbblfpciffpaejjkokdgca>
- 2. Form Filler
 - a) <https://bit.ly/FormFiller>
 - b) Target:
 - (1) <http://gmail.com>
 - (2) <https://www.facebook.com/>
- 3. Bug Magnet
 - a) <https://chrome.google.com/webstore/detail/bug-magnet/efhedldbjahpgjcneebmbolkalbhckfi?hl=en>
 - b) Right click on the page to see the context-menu
 - c) Target:
 - (1) <http://chrisreads.herokuapp.com/>
 - (2) <http://todomvc.com/examples/vanillajs/>
- 4. SiteImprove Accessibility Checker
 - a) <https://chrome.google.com/webstore/detail/siteimprove-accessibility/efcfolpjihiicnikpmhnmphjhpiclljc?hl=en-US>
 - b) Target:
 - (1) <https://testingconferences.org/>
- 5. Check My Links
 - a) <https://chrome.google.com/webstore/detail/check-my-links/ojkcdipcgfaekbeaelaapakgnjflfglf?hl=en-US>
 - b) Target:
 - (1) https://en.wikipedia.org/wiki/Software_testing
 - (2) <https://testingconferences.org/>
- 6. VisBug

a) <https://chrome.google.com/webstore/detail/visbug/cdockenadnadldjbbgcallicgledbeoc>

b) Target:

(1) <https://testingconferences.org/>

C. GitHub

1. Do you have a GitHub account?

2. Big list of Naughty Strings:

<https://github.com/minimaxir/big-list-of-naughty-strings/blob/master/blns.txt>

III. Developer Tools

A. Let's walk through some common uses while exploring

<http://todomvc.com/examples/vanillajs/>

B. We'll focus on the following Tools:

1. Elements
2. Console
3. Networking
4. Application

C. Nice to haves:

1. Audit
2. Performance & SEO

IV. Docker

A. Overview of containers

B. Create an example container

1. Get Docker - <https://www.docker.com/community-edition>
2. `docker --version`
3. `docker info`
4. `docker run hello-world`
5. `docker image ls`

C. Run your own web server

1. Docker pull httpd
2. `docker run -dit --name my-apache-app -p 8080:80 -v "$PWD":/usr/local/apache2/htdocs/ httpd:2.4`
3. Browse to `http://localhost:8080`

D. References

1. <https://github.com/veggemonk/awesome-docker>

V. Postman

A. <https://www.getpostman.com>

B. <http://restful-booker.herokuapp.com>

1. Play with apis - look for bugs
2. References:

a) <https://github.com/DannyDainton/All-Things-Postman>

VI. CypressIO

A. <https://www.cypress.io/>

- B. Let's use Visual Studio Code
 - C. Setting up
 - 1. Node --version
 - 2. Npm install cypress
 - D. Starting Cypress
 - 1. Npx cypress open
 - E. We're going to visit <http://todomvc-app-for-testing.surge.sh/> (very similar to our previous testing example)
 - F. Additional documents at: <https://example.cypress.io/>
- VII. Recap and Questions