

---[A crashcourse in Code]---

In web development, there are several different tools working in tandem to make things run. The pieces can seem overwhelming at first, but let's take it step by step.

Our requirements

- [a browser](#)
- [a text editor](#)
- [an FTP client](#)
- [webspace / webhosting](#)

Browsers

- There are standards for HTML, CSS and JS, but each browser implements these in their own way. You can never be completely sure that a page will look exactly the same in all browsers.
- Chrome for desktop is not the same as Chrome for mobile. Same with Safari.
- You should test your work in different browsers, and on different devices.
- On desktop, a page should at least work in Chrome, Firefox and Safari.
- On mobile, you should test in Chrome and Safari.
- Testing is especially important with CSS and JavaScript.

Most popular browsers (Oct 2020)

On desktop:

- Chrome (Windows + Mac): 70%
 - Firefox (Windows + Mac): 8%
 - Safari (Mac only): 8%
 - others: Edge (Windows only), Internet Explorer (Windows only), Opera (Windows + Mac), ...
- See <https://gs.statcounter.com/browser-market-share/desktop/worldwide>.

On mobile:

- Chrome (iOS + Android): 68%
 - Safari (iOS): 20%
- See <https://gs.statcounter.com/browser-market-share/mobile/worldwide>.

See <https://gs.statcounter.com> for more statistics.

Text / Code editor

You are free to choose.

Recommendations:

- [Atom](#)
- [brackets](#)
- [sublimetext](#)

Pick one editor and learn it well, especially the shortcuts. I'll be using Atom in class.

FTP Client

Again free to choose.

Recommendations:

- [Cyberduck](#) (windows & OSX)
- [Filezilla](#)

Webhosting

It's common that your workflow will consist of testing and running locally (on your computer), and then uploading and deploying remotely.

HOGENT has a partnership with Combell where, as a student, you have 50 gigabytes of web space at your disposal for a period of 3 years. If you want to make use of it, you can do so by following the steps below:

1. Surf to www.academicsoftware.eu
2. Log in with your HOGENT account
3. Select 'Web hosting Combell'
4. Click on the Request button in the upper right-hand corner of the 'Licence' section to obtain a product code.
5. Make a note of this code and follow the instructions to create a personal Combell account.

With the product code, you can create a free account, provided that you use a **BE** domain name.