“Don’t believe everything you read on the internet”— Abraham Lincoln

The Internet as an invention radicalized the way humans can communicate, making immediate connections between people independent on their physical distance. This allowed us to spread information faster, and more immediately to others. On the other hand, misinformation also became a problem, for example in the form of hearsay, ignorance, propaganda, or troll fabrics.

We believe that we should challenge this misinformation. In science, it is long-established practice to provide claims with sources. Can we bring this process into the internet? Moreover, can we improve parts of this process? In science a standard approach is referencing the paper/article with the original claim. We envision to digitalize this more, for example, having code running on a website that queries and injects the relevant data. Where could this data come from?

- There are data use cases where we can find correct information from trusted authorities (such as disease incident reports from the WHO).
- Another orthogonal idea would take inspiration from Wikipedia with their free to edit philosophy. Through a community effort, they maintain a high data quality over various topics.

We see various ways to engage this topic: For example, we may want to look into prototypical realizations of such services in the current web infrastructure. Another idea is to look at architectures to allow interlinking and creation of combined information across data sources. Or, we could investigate online community systems, and their approach to handle misinformation. Does any of this sound interesting to you, or do you have another idea? Be sure to reach out to us!

**Requirements:** The project will involve a fair bit of programming, in particular with Internet technologies. Thus, we strongly recommend some prior programming experience. We will discuss progress and ideas for going forwards on a weekly basis.

**Contact**

- Henri Devillez: hdevillez@ethz.ch, ETZ G94
- Lukas Faber: lfaber@ethz.ch, ETZ G60.1