1. Who is this for ?

> This Bookstack intance is intended to be for people who want to start their own **home lab** or help others to build one i.e for **Deternet Installers.** This instance is not for developer tools, databases and storage, Networking and infrastructure tools, but only for people wanting to replace the famous Big Tech apps on their devices.

Well, this Bookstack instance is for people who are already motivated by open source and understand that is most likely the best option we have for a collaborative global society. Now, this specific instance is focused on only one sector of the five pillars of a global digital commons namely the *software* section. Also the software that this instance is focused on is user end applications that can be installed and used instantly to replace a proprietary application. If you are interested in the other sectors then please visit them by clicking on the links below

- Deternet Telecom
- Deternet Hardware
- Deternet Datacenters
- Deternet Power

The goal is literally to show the layman the different open source applications that are out there and how they can deploy them on their own server at home in the simplest way possible.

How to use this Bookstack instance.

The end goal for any user of this instance should be to build and maintain your own home lab and learn the skill to install any open source application on top of it. This whole guide is written for people that have zero knowledge about tech but do want to host their own applications because they feel the urge to contribute to the broader mission. Again that mission is to create an inclusive collaborative instead of a competitive unequal society. The instance is created and maintained by all kinds of people that all have the goal to write installation instructions as simple as possible for the layman.

Now, what are the next steps then ? Well, most likely you heard about Deternet via a friend or through a blog or social media post and became curious to host applications yourself and relieve yourself from Big Tech. Of course we assume that you start with nothing and created a guide exactly for that.

If you really have no background then is important to use this guide in the right order. Therefore, we labeled different shelves with numbers. If you start with 1 and then work your way downwards then you will always have gained the knowledge or setup necessary to understand the contents of the next.

1. You will start by buying the right hardware to setup a home network
2. Once that is setup we will show you what you can possibly buy for a home server
3. Then we will explain to you what operating system to choose for your server
4. After that we will show you different application deployment workflows i.e an easy way to deploy any application in seconds
5. Then we will talk about maintenance, updates, and backups of the data of your application
6. Finally, after all of that you can start using the Shapps Book or the Google, Apple, Microsoft etcetera books to discover which applications you can replace and how to replace them
7. This basically then concludes your journey, since from this moment you can hear about new open source app and you know directly how to deploy it in minutes, how to maintain it, and how to secure it.

Specifically, this collection is focused on the Home Lab i.e people that host their applications at home on a small/big server to replace all their proprietary applications they have on their devices. On top of that once you get a bit more advanced you can even let other friends and family use your server as well s.t you can maximize the resources that you have. By using we mean here or they can host their own apps or they can just get accounts on the apps that you host. It must be said though that it is recommended to only let people create accounts on your hosted apps if those apps are also **E2EE** s.t they can trust that you cannot access their private data. If an app is E2EE will always be mentioned on the documentation page by using a **TAG** and in its description

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