2. How to achieve a global digital commons ?

This chapter describes the structure Deternet is build upon today. Hence, this does not mean that it is fixed in stone, but you got to start somewhere ;)

- 1. Introduction
- 1. Documentation

1. Introduction

Perfect, so if you made it this far you at least admit that a global digital commons has merit and are interested in possible ways we could achieve such a society. We need to tackle all four components of a digital commons i.e software, hosting, telecom and hardware. Now, since the world is highly vibrant with different interests, political powers, corporate power, local and global problems, short term gains and the list goes on and on we cannot simply switch to a commons tomorrow.

One might think that using political power could force corporations into becoming open source and collaborative. However, enforcement does not change the human psyche, corporations will find loopholes, and as soon as political leaders change corporations can go back to their old playbooks. What we believe will be a path is creating so much awareness and alternative paths for consumers that eventually all digital infrastructure companies join the project. Not because they are forced but because it is the logical step to take to stay relevant.

Also, we want to show that a digital commons can run with volunteers. We need to have pilots that must show that we have the capacity to run, build and maintain all the four components of the digital infrastructure. If we fail to show that we can do this then there would be no merit for other proprietary projects to join the project as well. We first need to build the confidence with the general public and then the corporations will follow suit as well.

Telecom example
If for instance a hub has wired up several buildings with donation based internet that is open source to the extend it is possible in that moment in time. If that same hub would then opt to wire up another building then they could call up the current ISP in that building asking if they would want to hand over their cables to the Deternet project. In the beginning the answer will be no and no and no most likely. However, over time they will realize that if they don't hand over their cables they will loose their customers regardless. So why not help stop wasting extra resources and time that can be used somewhere else where is actually necessary ;)

Hosting example
More and more people wil start hosting their own applications and cloud at home, at a friends place, a flat building, or anywhere that is not Big Tech. At some moment Big Tech needs to give in as well and accept that applications should be self hostable, private, and open source. If they will not comply then also hey will become irrelevant eventually. Then why not bring their expertise to the table and join the project instead of again wasting resources for nor reason than profit for their share holders. The people working at these tech companies are real smart and passionate about what they are doing so they have a high chance of leaving the for profit tech world and join other geeks that do work together and get more recognition.

1. Documentation

If you want new Deternet hubs to pop out of the ground globally, you need next to a great ethos also the easy explained documentation that even non technical people can understand. Hence, at this moment we made documentation including video explanations for the following sectors. For more information you can click on the documentation page that brings you straight there

1. telecom.deternet.org: The telecom page is the wiki that explains briefly the history of telecom, the current oligopoly of the telecom industry and how Deternet wants to change that. On this documentation wiki we will explain all the ins and outs on how to setup a complete telecom infrastructure in any region with different obstacles. Now, since in telecom you deal with reality there are many different ways you can install cables in the most efficient ways. We hope to explain that here as good as possible. We get input from experts all over the world and hub experiences that are shared as well.
2. hardware.deternet.org
3. software.deternet.org
4. hosting.deternet.org

DETERNET INTERNATIONAL

1. nationalsociety.org: This is the main website for each countries national society. Just as with the Red Cross each country has its own national society that deals with all the local laws, finances, funding and challenges. All of their findings will also be publicly available s.t playbooks can be used for countries with similar laws and or challenges as well

HUBS

1. hub.deternethubname.org: The hub website can be used for all information related to the local deternet hub. That is to plan lectures, work groups, clinics and training to help volunteers prepare to work and solve problems in the field

HOSTING

The HOSTING documentation website describes completely the ins and outs of hosting your own applications and where to host them with all the pros and cons

1. Homelab
2. Backupfriends
3. VPS in Deternet Community Datacenter

1.Homelab: The homelab section as is in the name focuses on how to setup a small homelab yourself at youfor yourself but also for friends and family as well. It explains what hardware to get, the different app deployment workflows, how to do backups, monitor, do updates, get notifications and what not. It focuses on deploying applications at home!

Maybe on the telecom page we should have the promotion for why Deternet telecom is important

Now, we will go to the hub level