

# DeCensorMedia

Replace social media with our own website

A social media revolution

<https://decensormedia.org/>

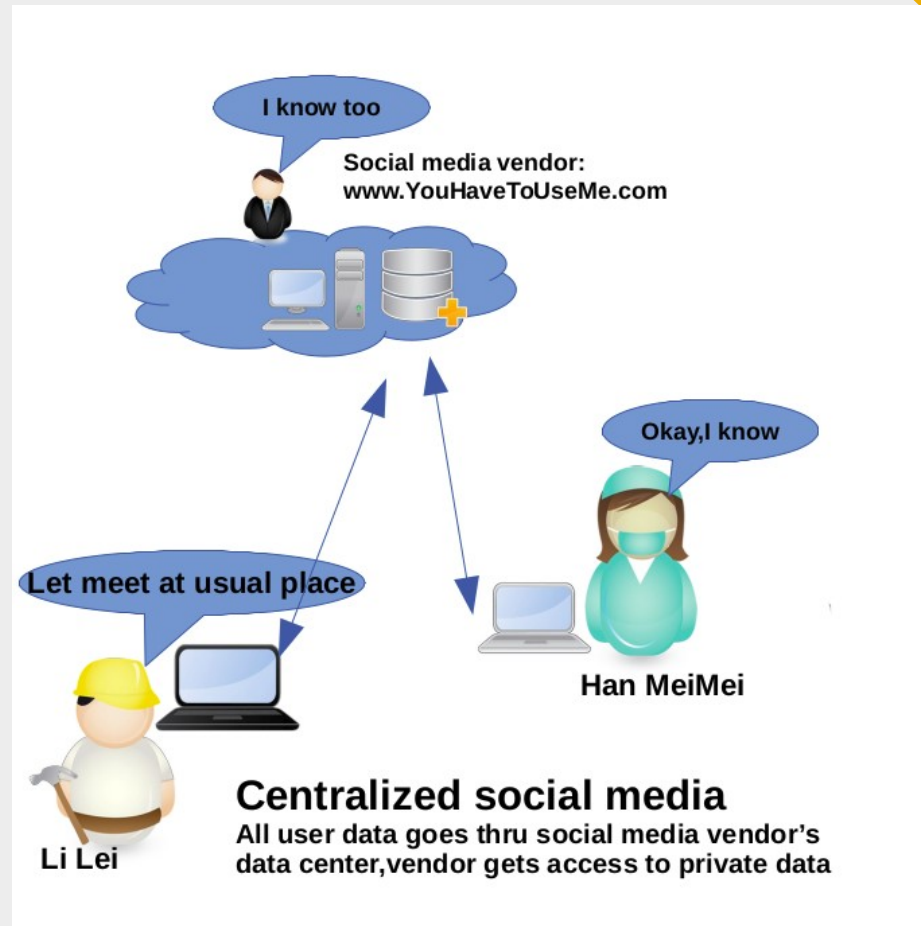
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# agenda

- ✓ Current social media is centralized
- ✓ The pain points of centralization
- ✓ The solution: Decentralized personal website
- ✓ What decentralized social networking website can do?
- ✓ The benefit and opportunity from such system
- ✓ The language (protocol) between webs is simple
- ✓ Demos: seeing is believing
- ✓ About DeCensorMedia
- ✓ The cost of personal website can be very low

# Current social media is centralized

- All data has to thru central server before you can reach your friend
- All data is saved in the vendor's central database

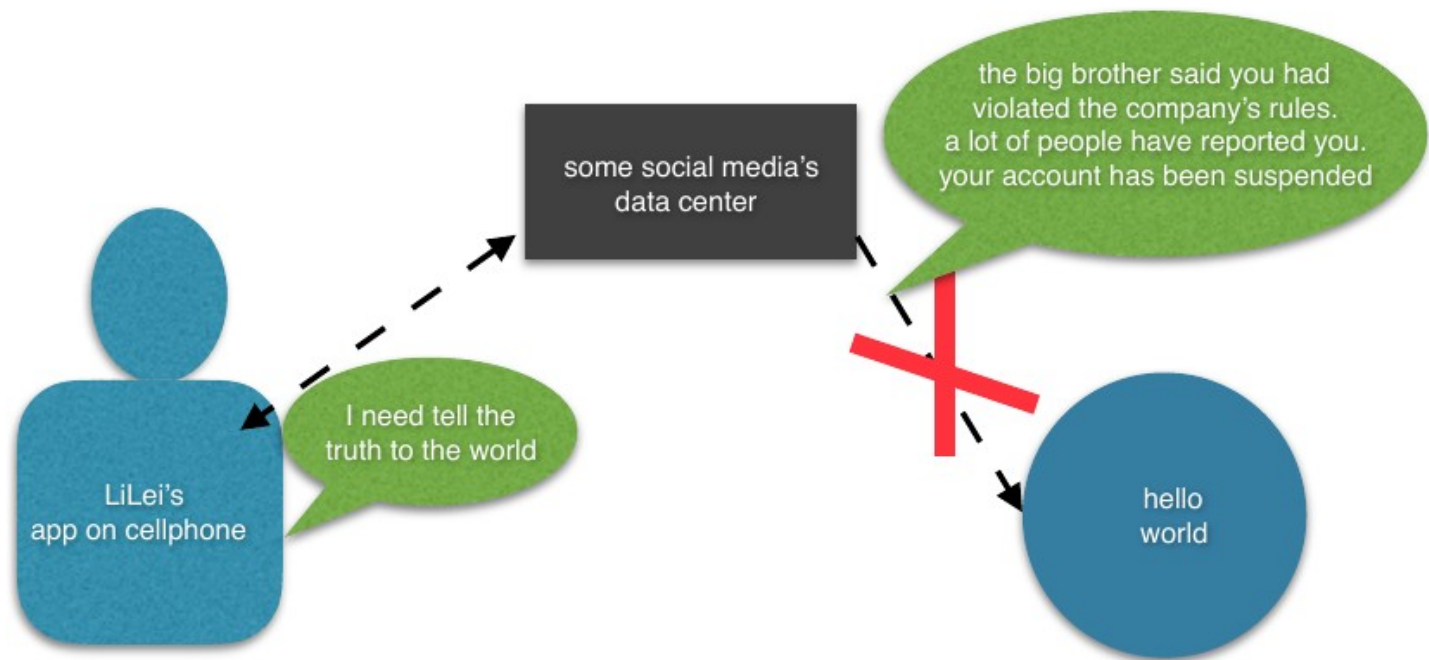


# The pain points of centralization

- **Censorship!Censorship!Censorship!**The number one threat to human civilization!These who dominate the media influence the public opinion.China is a very good example!

NATIONAL NEWS

## China suspends Trump accounts for 2 years

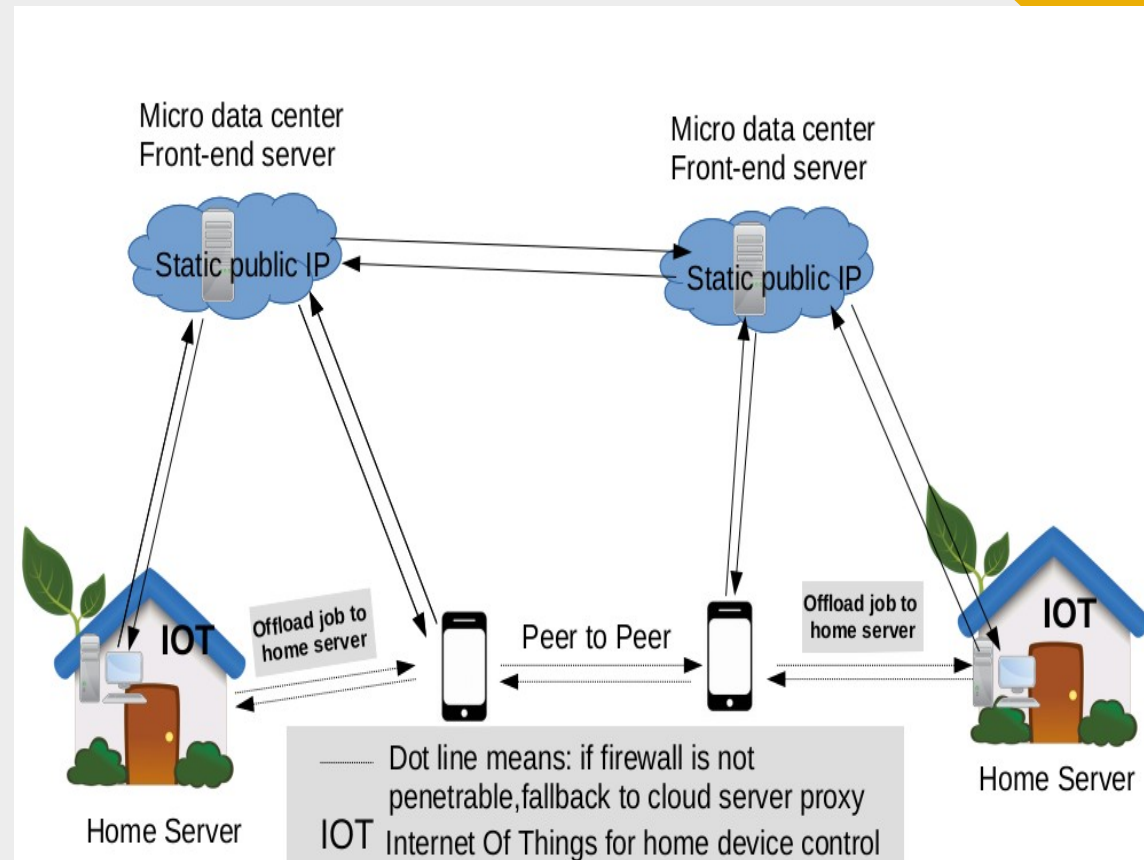


## The pain points of centralization (2)

- **Privacy!!!** we submit our data to central database, treat them as garbage, someone else treats it as gold! Data is very important for AI! AI can learn a lot about you by analyzing your data!
- We have to install multiple social medias for people in different countries and for different kind of entertainments. For instance, app1 for reaching people in western country, app2 for eastern country, app3 for sharing pictures, app4 for sharing videos...

# The solution: Decentralized personal website

- It is a peer to peer communication
- Cloud server with static public IP serves as front gate for the home server and frontend device like android phone
- Store private data at home server, data meant for public in cloud server
- Front-end server as proxy server for home-server and front-end device when connection between home-server and front-end device not available
- Front-end device can be a remote controller for home-server, thus can control home devices. It is an IOT system!
- If peer to peer device connection not available fallback to cloud-server as proxy server



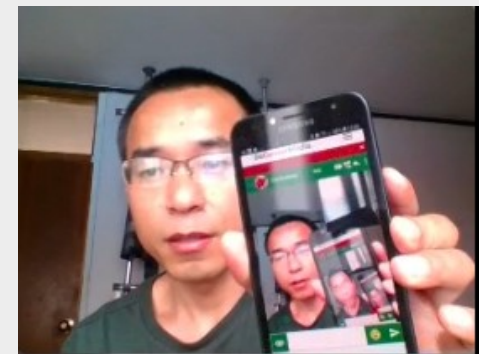
# What decentralized social networking website can do?

## Before

- You spend more time on social media apps than your own website, because your website can not talk to each other as social media does
- not many people write blogs, because it can not communicate to each other as social media does.

## Now&future

- Messaging between websites
- Video call between websites
- Subscribe & follow other website's blog, news section, album, video etc...
- Ecommerce
- Video on demand / live streaming
- In all it is your garden, your kingdom, your business starting point, serving as social media is only a portion of functionality that this website can offer.



# The benefit and opportunity from such system

## User

- No one collects your data
- No censorship
- One browser for all (messaging, video call, blogging...)
- Your website your garden, with your talent you plan all kinds of flowers which attracts butterflies

## Web developer

- more job opportunities, everyone around you is your potential customer
- Provide peer to peer encryption solution

## Server provider

- More cloud and home servers will be needed
- Embedded device for server



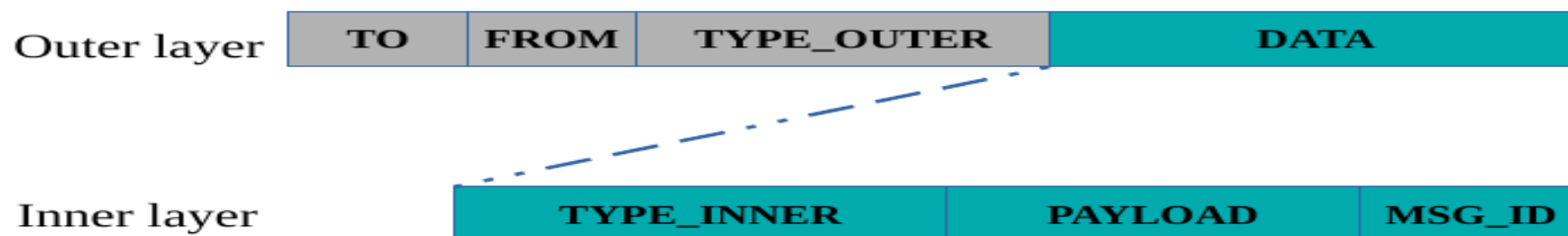
# The language (protocol) between webs is simple

## DeCensorMedia Protocol : 大道至簡!

websocket

In order for individual website to talk to each other, we design such a simple protocol :

網絡世界的大同：你的前端可以和我的後端做基本的 API 通信，我的前端也可以和你的後端做基本的 API 通信。



**Outer layer** for cloud server encryption, **inner layer** for Peer-to-peer or device-to-homeserver

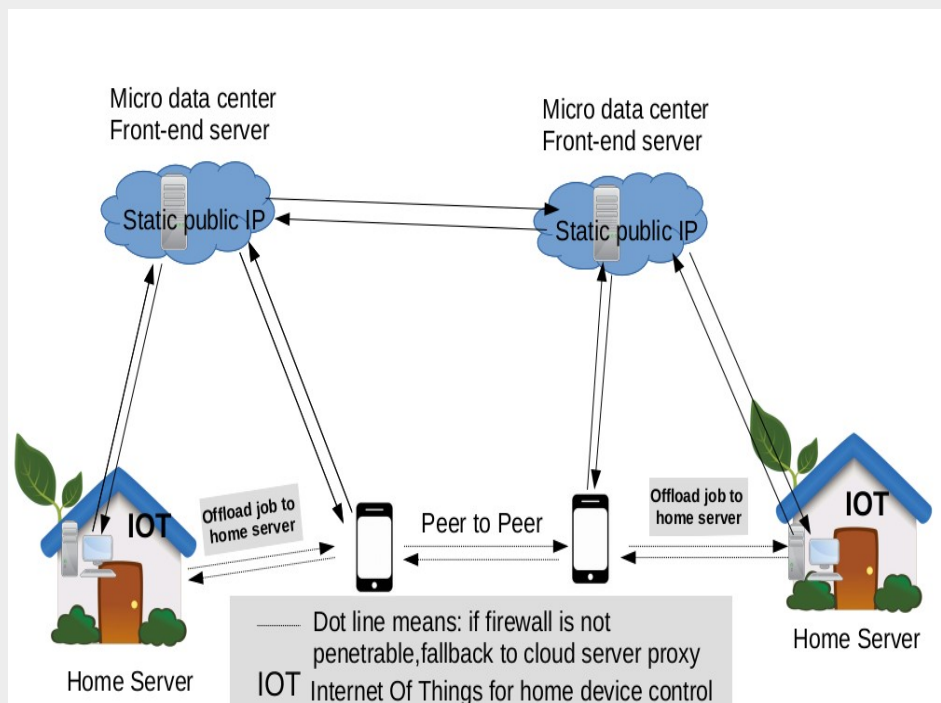
copy following url to get the latest blog

api\_url : <https://decensormedia.org/api/blog?action=thumbNailOfLatest>

return data :

```
{
  page_url : '', // click this link to visit the page
  text : '', // thumbnail text
  image_list: [], // image array
  isSuccess : false //
}
```

Api & return data



## Demos: seeing is believing

- Messaging between websites : <https://youtu.be/RU482N3Jh60>
- Video call between websites : <https://youtu.be/t5yqoT4J6MI>
- Subscribe and following blog/news : <https://youtu.be/lZtV0chS9FA>
- Longer demo (English) : [https://youtu.be/xdIM\\_0O5Ojg](https://youtu.be/xdIM_0O5Ojg)
- Longer demo (Chinese) : <https://youtu.be/HWrEn2BFcM8>

# About DeCensorMedia

- Provide opensourced, decentralized social networking website for individual,so that they can easily deploy and install on their own server. As business grows they can hire web developer to upgrade from current open source project.
- Provide tutorial to help more people become good web developer
- <https://decensormedia.org/about>

# The cost of personal website can be very low

- People may think hiring some one to build a website and the server rental is also very expensive.
- But with organizations like us providing opensource personal networking website,you don' t need to hire a developer to have a basic website for yourself.
- Why are we willing to provide such opensource website? We believe in helping others helps ourselves. having such a ecosystem is good for us all!
- For the cloud sever cost,one can easily rent a VPS at around 10\$/mon,if you share it with you friends,the cost can be negligible!
- For home server,I believe many people have multiple computer or laptop at home,and in the future,a lot of companies will provide embedded home server just like the router device.
- You only have to hire a website developer to upgrade your website when you see your business is growing!



Thank you