

Exploring the peer-to-peer Web

6:00 Food + drinks

6:30 Intro to the peer-to-peer Web (Tara Vancil)

6:45 Beaker, a peer-to-peer Web browser (Paul Frazee)

7:00 Q&A

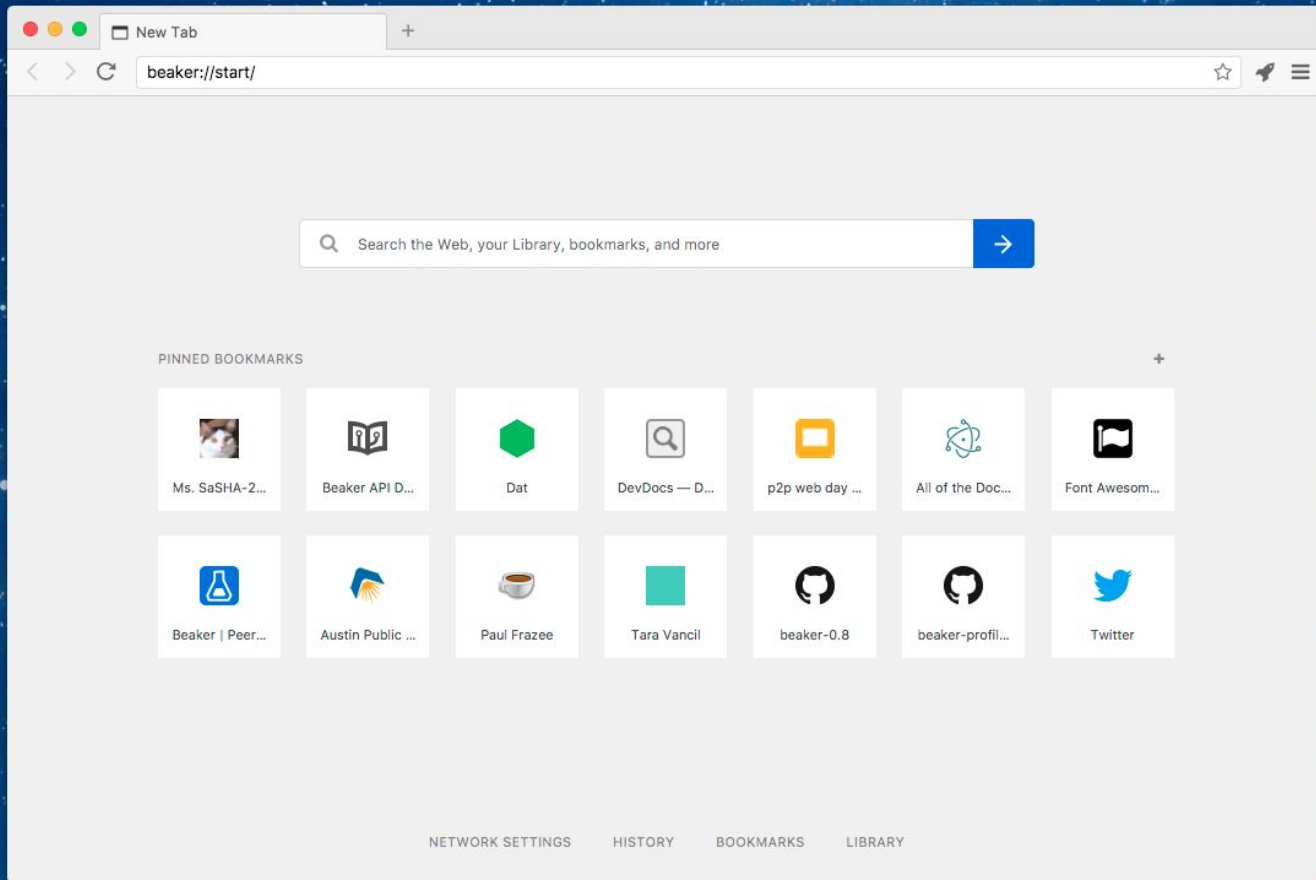
7:15 Break

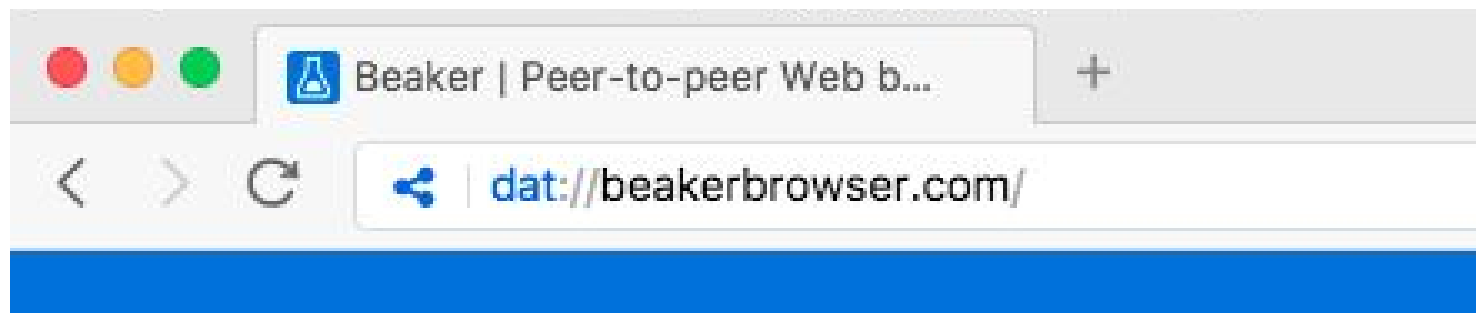
7:20 Demos (Ryan, Michael, Chris)

Tara Vancil

@taravancil

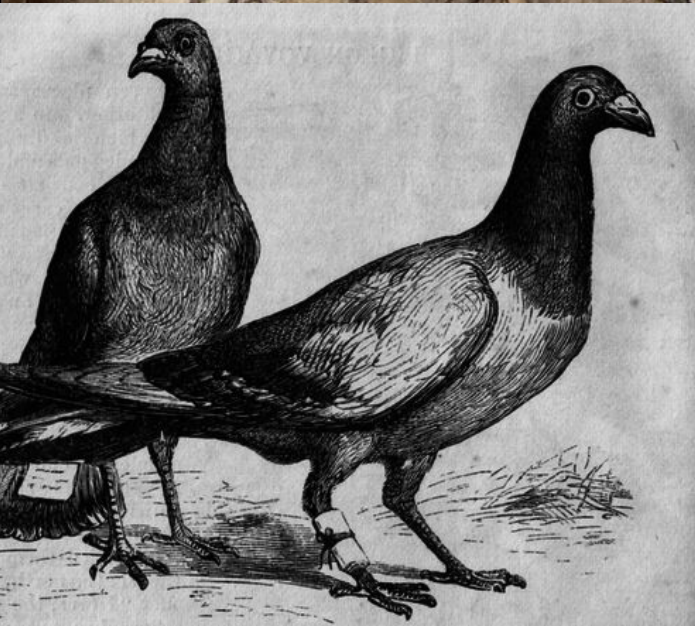
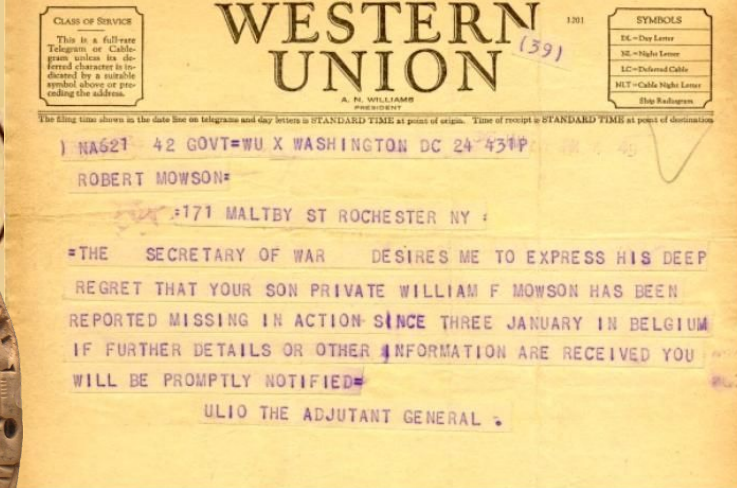
taravancil.com • bluelinklabs.com • beakerbrowser.com





datproject.org

What is the Web?



HTML

W3C[®]



SVG



A standardized set of tools for
transmitting and interacting with
documents

CSS



https://

Web  **RTC**

OPEN

DECENTRALIZED

SHARED

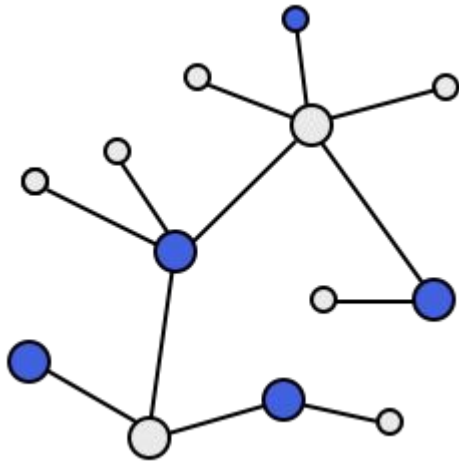
OPEN

DECENTRALIZED

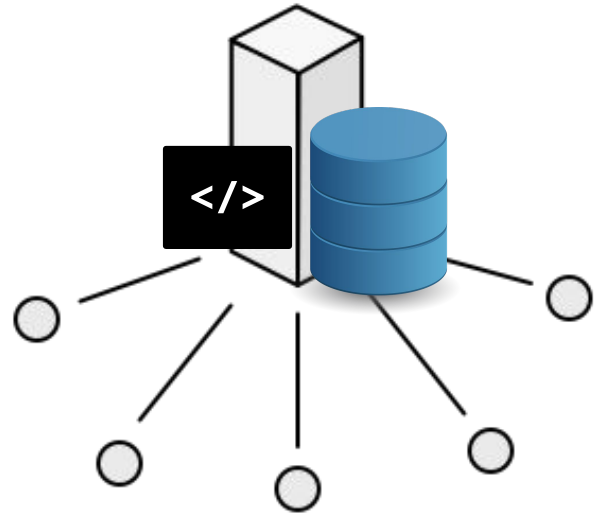
SHARED

OPEN
DECENTRALIZED
SHARED

Original vision



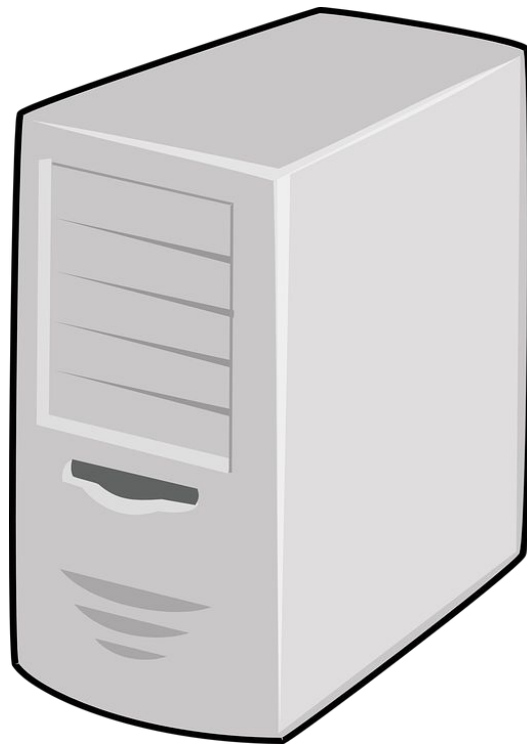
Today



It's difficult to publish independently on the Web

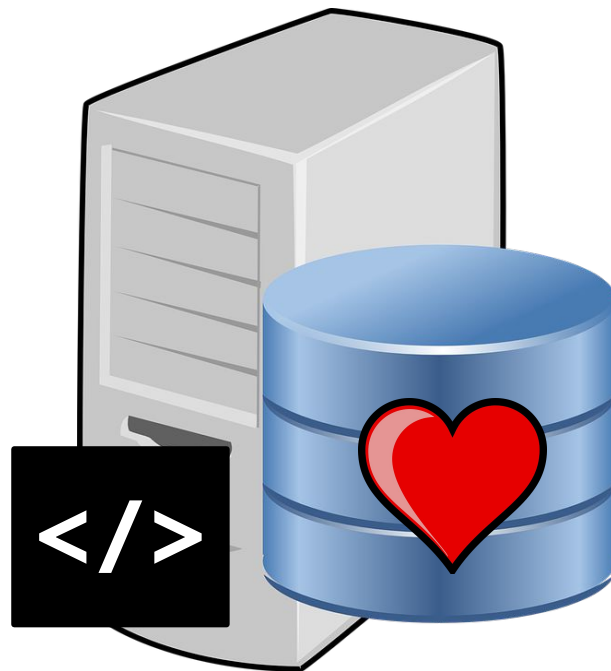
Running a server

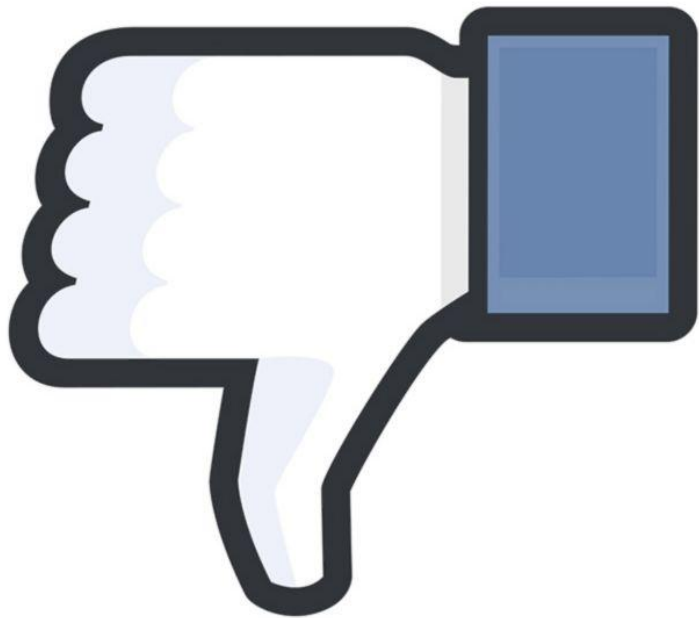
- Difficult
- Expensive
- Not fun (for most people)



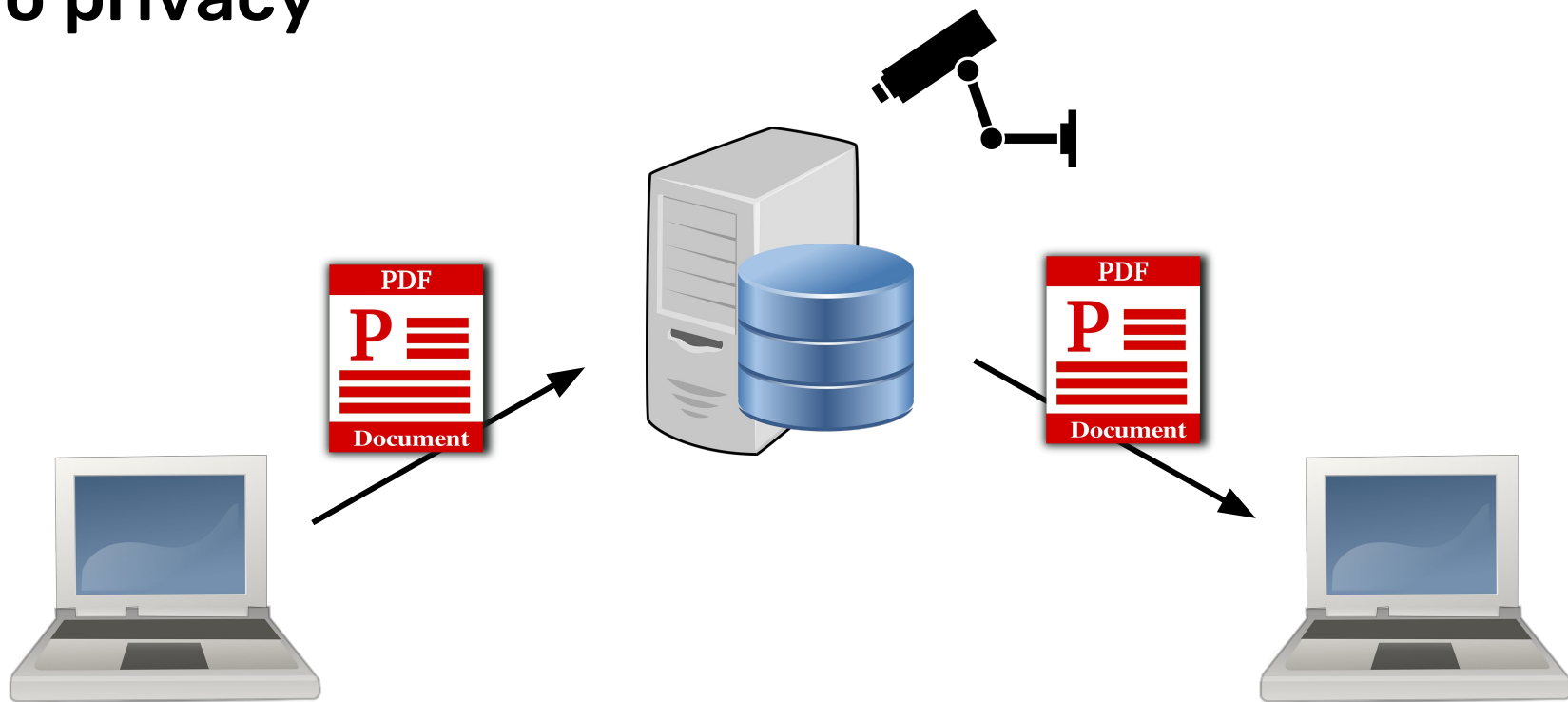
But ... the centralized Web works!

- Fast
- Free
- Reliable
- Easy to use

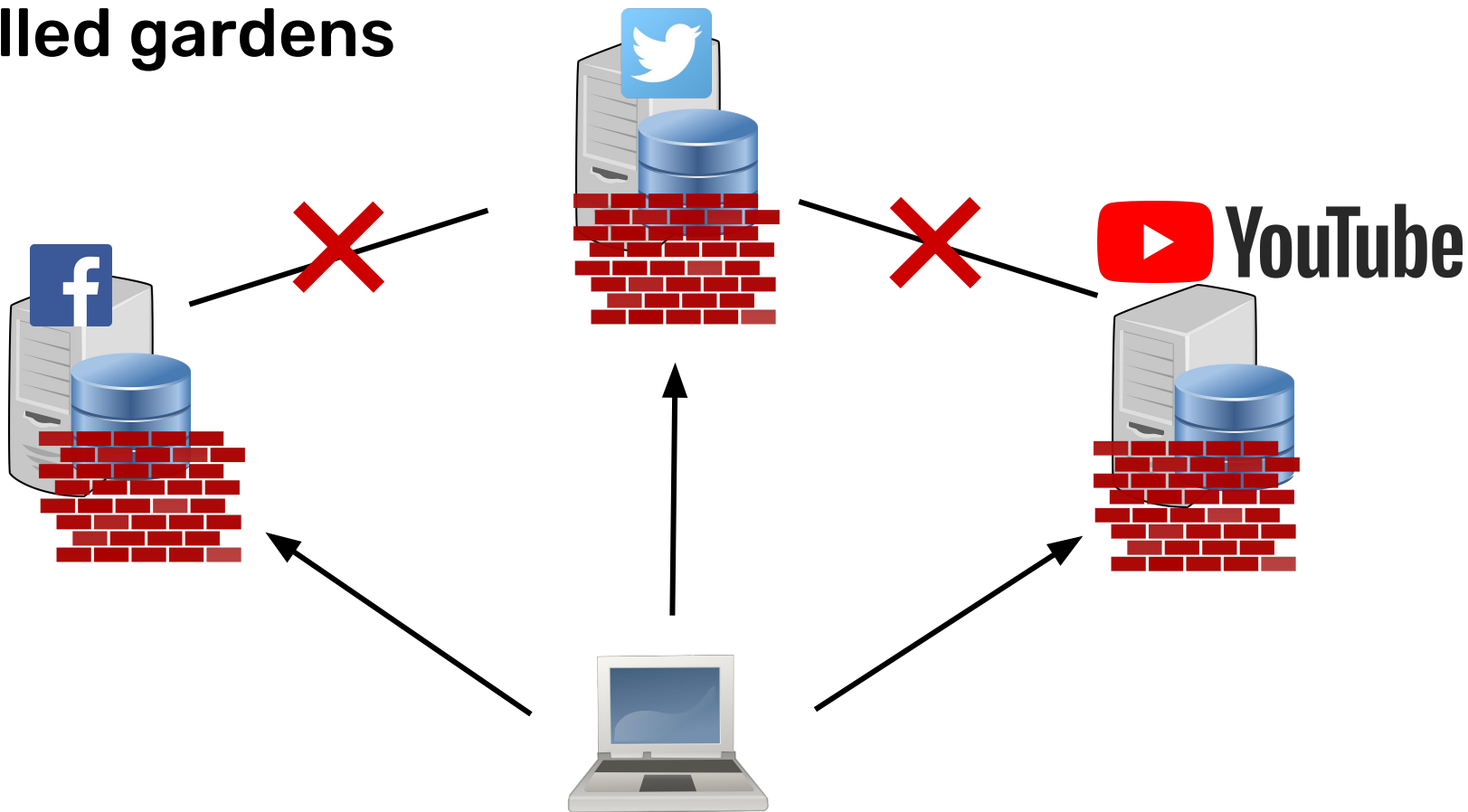




No privacy



Walled gardens



Rigid, un-customizable apps




Twitter 
@Twitter

Follow



Can't fit your Tweet into 140 characters? 

We're trying something new with a small group, and increasing the character limit to 280! Excited about the possibilities? Read our blog to find out how it all adds up. 

#WomenBoycottTwitter

Let's make it easy to publish on the Web!



? `http://example.com/cat.png`

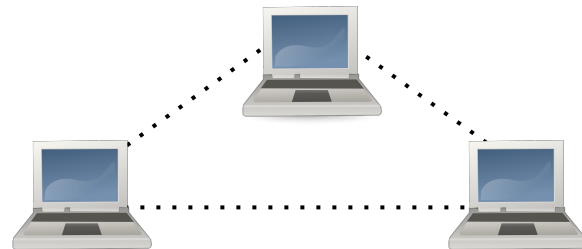




? example.com/cat.png



? example.com/cat.png

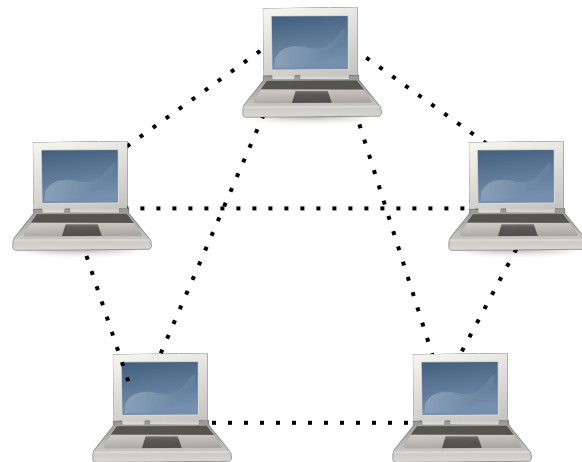


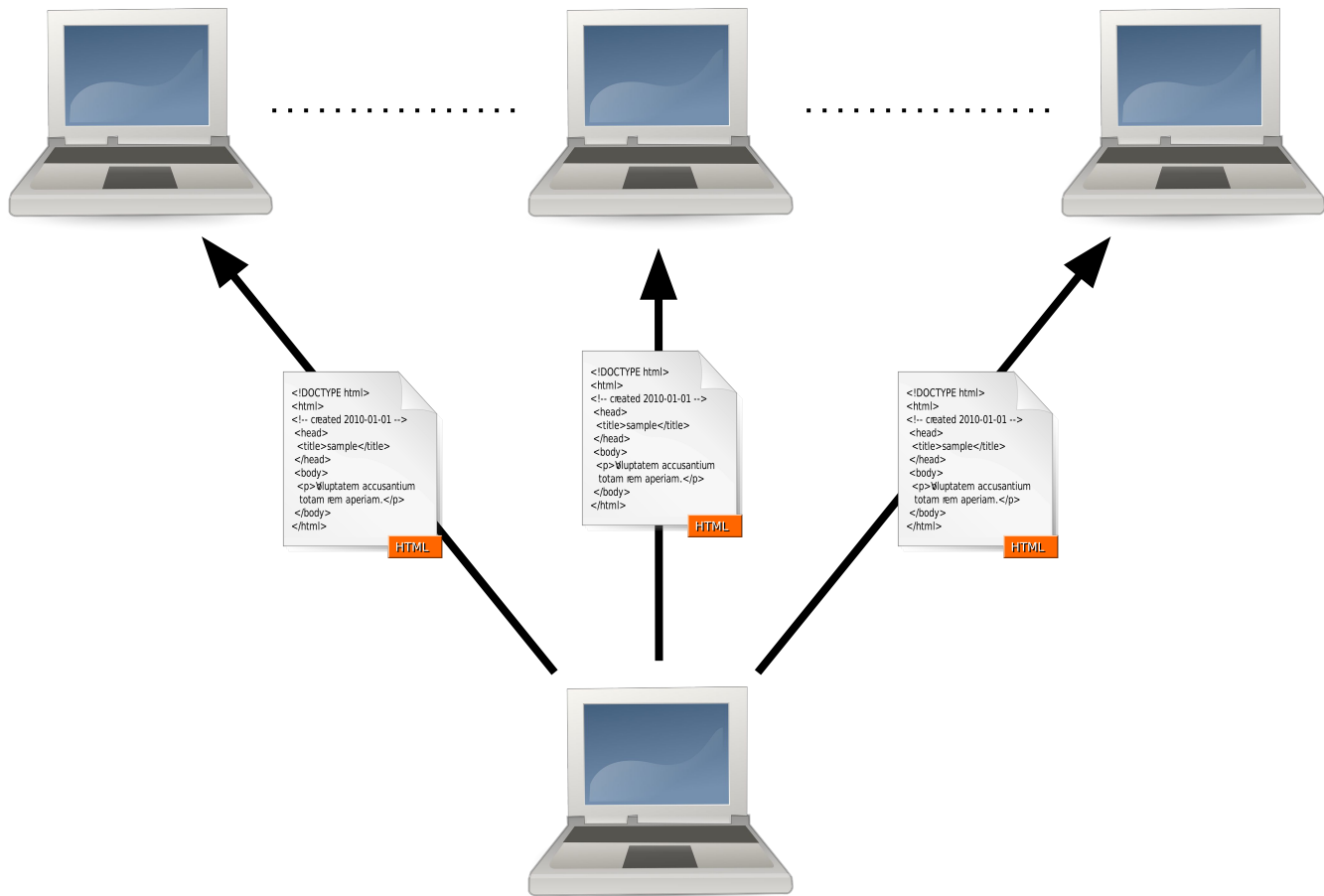


? example.com/cat.png

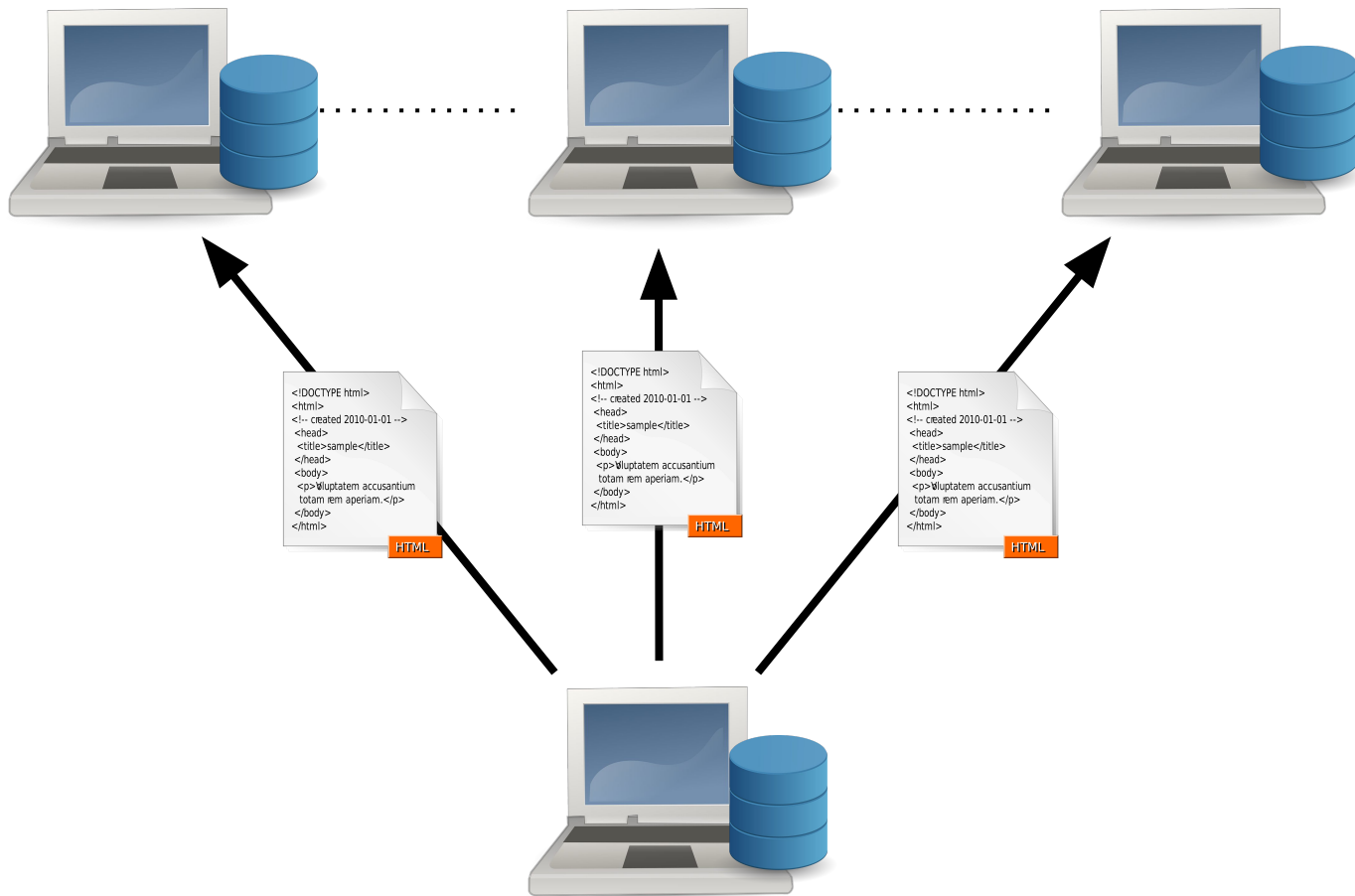


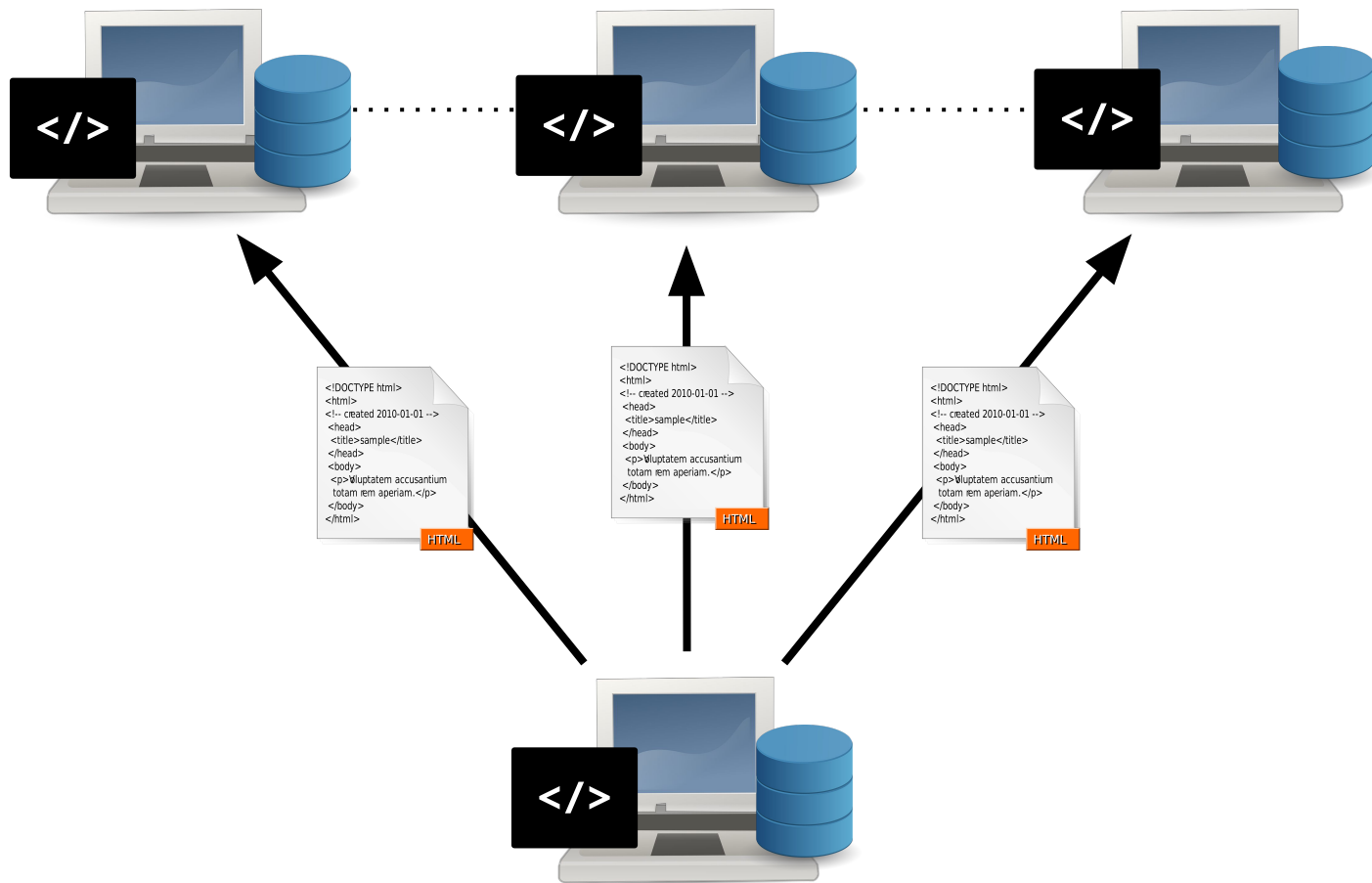
? example.com/cat.png

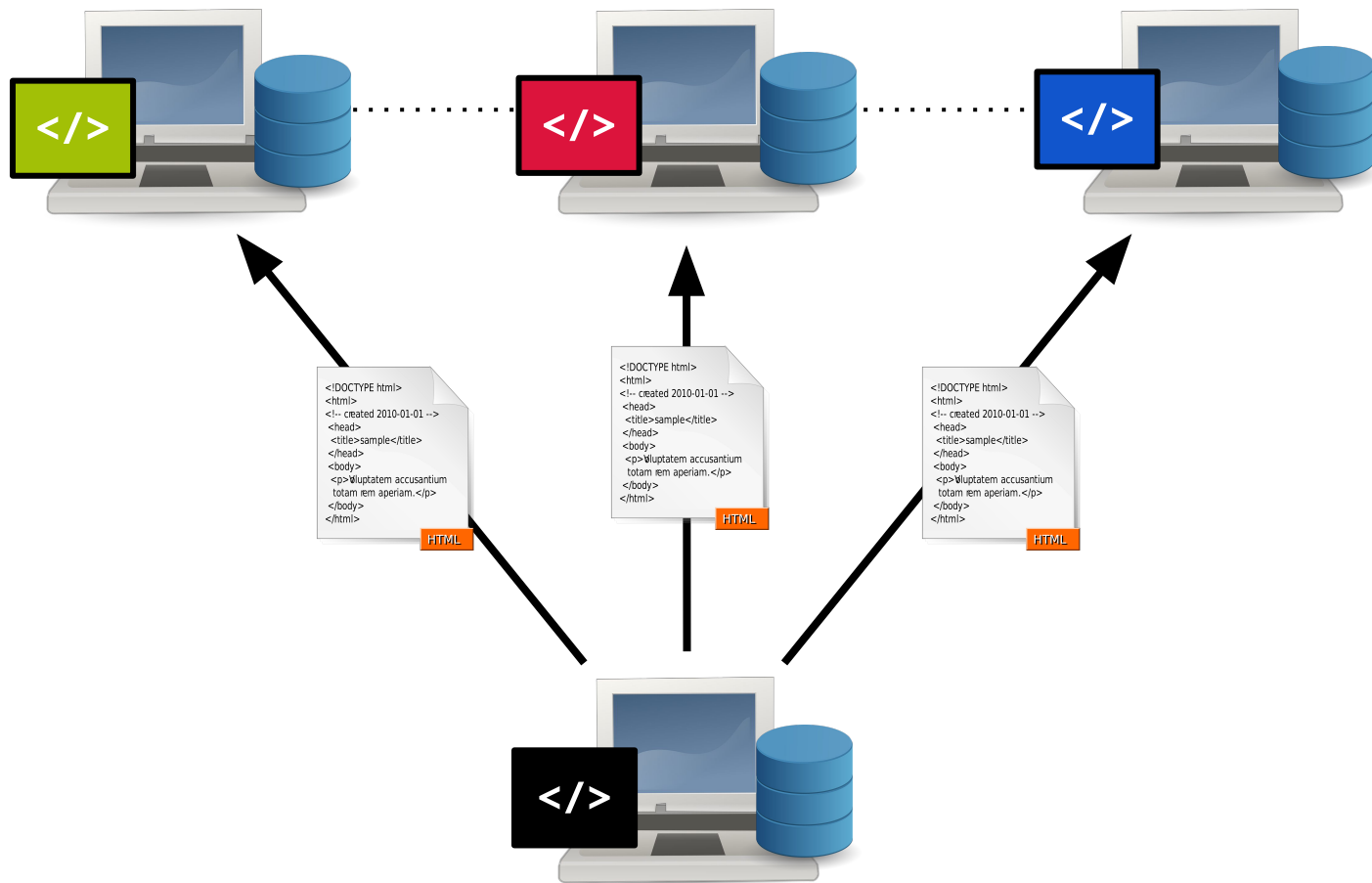




dat://6dff5cff6...







The Web, but peer-to-peer

Thanks!

@taravancil

Contribute/discuss on GitHub: github.com/beakerbrowser

Support Beaker's development: opencollective.com/beaker

Slides: taravancil.com/slides/exploring-p2p-web.pdf