

---

**From:** jeffrey E. <jeevacation@gmail.com>  
**Sent:** Saturday, July 30, 2016 12:44 PM  
**To:** Jeremy Rubin  
**Subject:** Fwd:

i agree with danny , just like bitcoin or other digital currencies. I think the land of binary decision . its either this or that, now usually leads to the answer " both"

----- Forwarded message -----

From: Danny Hillis <[REDACTED]>  
Date: Sat, Jul 30, 2016 at 8:55 PM  
Subject: Re:  
To: "jeffrey E." <jeevacation@gmail.com>

=div dir="ltr">

The two properties that the Internet lacks are guaranteed quality of service (bandwidth and latency) and the ability to know for sure where a packet originated. These two features are fundamentally incompatible with the design of the Internet and they trade off against other features. For instance the second network I have in mind may well be inferior to the Internet in efficiency of utilization of the resources , so it will cost more per bit to send a message. It will probably be worse than the Internet in supporting anonymity. So it is not a replacement for the Internet, but a complement to it.

On Fri, Jul 29, 2016 at 9:58 PM, jeffrey E. <jeevacation@gmail.com> wrote:

----- Forwarded message -----

From: Jeremy Rubin <[REDACTED]>  
Date: Thu, Jul 28, 2016 at 9:51 AM  
Subject: Re:  
To: "jeffrey E." <jeevacation@gmail.com <mailto:jeevacation@gmail.com>>

I've been thinking a lot about this the past few days, some of my thoughts below:

Generally I'm very positive of the notion; there's a lot to be desired from our internet protocols.

On the other hand, I wonder if this is a variant of trumpism, we need to make the internet great again. At what point was it great before? When there were but a select few who were able to access it; and everybody on it knew they would be meddled with a bit. Once it went too mainstream no longer was being a hacker (or even, user) of such systems an at-your-own-risk endeavor, but was something that people depended on.

Similar modern endeavors include Ubit, linked for posterity <https://urbit.org>, which is mostly made incomprehensible for the point of keeping out the un-enlightened. Urbit is supposed to re-imagine computing as fundamentally distributed.

[https://en.wikipedia.org/wiki/Zooko%27s\\_triangle](https://en.wikipedia.org/wiki/Zooko%27s_triangle).

In any case, I've gone on a slight tangent. My point is it's one thing to say you want a new internet because of a theoretical (or not so theoretical) button, it's another to have motive enough to actually build such a new network. Besides from the button, what properties seem critical to you?

jeevacation@gmail.com, and  
destroy this communication and all copies thereof,  
including all attachments. copyright -all rights reserved

--

=A0 please note

The information contained in this communication is confidential, may be attorney-client privileged, may constitute inside information, and is intended only for the use of the addressee. It is the property of JEE. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify us immediately by return e-mail or by e-mail to jeevacation@gmail.com, and destroy this communication and all copies thereof, including all attachments. copyright -all rights reserved