I've built an anonymous, distributed reddit/voat like aggregator. It should be cheaper to run, and easier for communities to share the load. Please help bang on it. (notabug.io)

by go1dfish to **technology** (**+57**|**-3**)

50 comments

> I think all censorship should be deplored. My position is that bits are **not a bug**.
>
> — Aaron Swartz (1986 - 2013)

notabug.io

An experimental link aggregator app that is:

- distributed: peers backup/serve content
- anonymous: but don't trust it to be
- immutable: edits are not supported
- ephemeral: don't get attached to content

No need to sign up. Vote as much as you like.

MIT Source Code at github.com/notabugio

[–] **Hey_Sunshine** 4 points (**+4**|**-0**) 1.2 hours ago

 Nice, I'll check it out once I'm off the clock

permalink

[–] **TeranNotTerran** 2 points (**+2**|**-0**) 45 minutes ago

Holy crap. This is awesome.

Distributed, like WebRTC, or how are you doing that?

If I want to host a mirror, how do I link the content bases?

I see you're using proof of work. You could monetize the site by having the PoW mine you Monero.

Very, very nice work. I finally see a potential Reddit/Voat 2.0. Guessing this doesn't work on Tor browser?

permalink

[–] **go1dfish** [S] 2 points (**+2**|**-0**) 42 minutes ago (edited 35 minutes ago)

Distributed using web sockets and the eventual ability to specify multiple content nodes.

WebRTC as a transport should be totally possible and is where the author of gundb (the base of my backend) wanted to take gun, but it's not ready yet as I understand it.

> If I want to host a mirror, how do I link the content bases?

I will be posting instructions for this soon, all you will need is a box with node/npm if you are serious about wanting to do it let me know.

You can either be pure backup, or provide an alternate connectivity point for end users.

> Guessing this doesn't work on Tor browser?

Not by default with js turned off, haven't tried it otherwise.

If you want to use this on tor it should work in qubes/whonix.

Serverside rendering and hidden service access could be an option as well, but would be more intensive server side so something I'll leave up to others.

> You could monetize the site by having the PoW mine you Monero.

I specifically do not want to monetize the site or make monetization a core feature of the network. If people want to be generous and give me crypto that will likely incentivize and facilitate me spending more time on the project.

Does monero have ledger support yet? I don't have a monero address listed.

permalink   parent

[–] **TeranNotTerran** 1 points (**+1**|**-0**) 35 minutes ago

Ok, this is really great.

Can I have a server pin a whole bit of content? Like let's say I want /t/goatsgulch to be permanent.

Of course also would like a notifications box. I'm guessing we could handle ownership/identities with cryptography, signing a content maybe even browser side with a key to replicate user functionality.

permalink   parent

1 reply

[–] **Kekalicious** 0 points (**+0**|**-0**) 7 minutes ago

Javascript, Does not work on Tor. Confirmed.

permalink   parent

> [–] **TeranNotTerran** 0 points (**+0**|**-0**) 3.8 minutes ago
>
> Javascript can work fine on Tor. Since it's not WebRTC it actually should be fine as long as you turn on JS (which, you probably have already).
>
> permalink   parent

[–] **VoatIsForTimmy** 2 points (**+2**|**-0**) 1.3 hours ago

How long will it take for jewbots to overrun the place? Anyone taking bets?

permalink

> [–] **N3DM** 0 points (**+0**|**-0**) 25 minutes ago
>
> That depends... Is Amalek a jew?
>
> permalink   parent

[–] **dellcos** 2 points (**+6**|**-4**) 1.7 hours ago

Breh...I'm sure this took work and some sort of skills to create. But it's total shit if it involves reddit at all and I am actually irritated to have clicked and seen that it's basically reddit. Why would you want to aggregate total shit content?

permalink

> [–] **go1dfish** [S] **11** points (**+11**|**-0**) 1.7 hours ago
>
> Only the CSS/HTML comes from reddit.
>
> I figured UI familiarity would be a good thing. As it relates to actual content and backend this has no ties to reddit.
>
> permalink   parent
>
> > [–] **dellcos** 3 points (**+3**|**-0**) 1.6 hours ago
> >
> > Ah, gotcha. Much better, I incorrectly assumed you were aggregating the content from Voat/Reddit. Sorry. Still the UI irritates me, but then again, probably appeals to a lot of people.
> >
> > permalink   parent
> > 1 reply

[–] **Charlez6** **1** points (**+1**|**-0**) 14 minutes ago

> End users will have tools to delete content from their local node, and broadcast these deletions to others who can optionally subscribe to these filter sets.

I love this. Each person can basically choose their own mod team!

It could make for interesting and confusing situations where two people following the same sub enjoy it for completely different reasons. Imagine a subreddit like /r/Bitcoin catering to censorious Core supporters and providing a forum for open discussion *simultaneously*, with the two user bases almost entirely unaware of each other.

permalink

> [–] **go1dfish** [S] **0** points (**+0**|**-0**) 10 minutes ago
>
> I basically plan to build out this rough idea I sketched out a couple years back:
>
> https://go1dfish.liberty.me/crypto-anarchy-social-aggregator-bitcoin-world-wide-ledger/
>
> **permalink** **parent**

[–] **Darl_Von_Kibble** **1** points (**+1**|**-0**) 24 minutes ago

Share the load

permalink

[–] **peacegnome** **1** points (**+1**|**-0**) 47 minutes ago

Is there any information about this site. being go1dfish it is legit for sure, but i'd like to know what anti-abuse techs it uses.

permalink

> [–] **go1dfish** [S] **3** points (**+3**|**-0**) 45 minutes ago
>
> It's still very early, it's based on http://gun.eco
>
> Voting uses https://en.wikipedia.org/wiki/Proof-of-work_system that's why it is CPU intensive.
>
> Relevant source code is here:
>
> https://github.com/notabugio/notabug/tree/master/src/lib/nab
>
> **permalink** **parent**

[–] **plankO** **1** points (**+1**|**-0**) 50 minutes ago

thanks! it makes my phone run like shit. is there anyway to fix that?

permalink

> [–] **go1dfish** [S] **1** points (**+1**|**-0**) 48 minutes ago
>
> I plan to add an option that I'll probably turn on by default on mobile to avoid automatically voting when commenting/submitting.
>
> Voting is very CPU intensive by design, the only way I can make it an acceptable experience on phones is to give people a way to offload voting to their desktop, which will be possible once we have authentication.
>
> **permalink**   **parent**
>
> > [–] **plankO** **0** points (**+0**|**-0**) 43 minutes ago
> >
> > Cool, I don't fully understand all that but I heard you're going to fix it. I like the anon style it's like 4chan and voat had a baby
> >
> > **permalink**   **parent**
> > 1 reply

[–] **scrimmmy** **1** points (**+1**|**-0**) 1 hour ago

Did my part ;)

permalink

[–] **ThisIsMyRealName** **1** points (**+1**|**-0**) 1.5 hours ago

So what's on the back end?

permalink

> [–] **go1dfish** [S] **1** points (**+1**|**-0**) 1.5 hours ago
>
> It's javascript all the way down.
>
> Really the server isn't any different from the web clients aside from having more persistent storage.
>
> **permalink**   **parent**

[–] **I_Would_Gas_You** **1** points (**+2**|**-1**) 1.8 hours ago

Powered by reddit...

[–] **go1dfish** [S] **7** points (**+7**|**-0**) 1.7 hours ago

The visual design (CSS) is from reddit's code.

It does not use their servers or talk to reddit at all. The licensing requirements of the code require that "powered by" image though it's a bit misleading as it assumes you are using the backend portions of their code rather than just the visuals.

https://github.com/notabugio/snew-classic-ui

[–] **Simonsaysgoat** **0** points (**+0**|**-0**) 10 minutes ago

I am hardly able to use boats for voat.... How can a computer illiterate help out?

Is there a phone version I can download?

[–] **IGiveZeroFucks** **0** points (**+0**|**-0**) 26 minutes ago

You didn't build shit. You took the reddit software and installed it on your own server. And you were too lazy to even change the template to at least make it look a little unique.

[–] **go1dfish** [S] **0** points (**+0**|**-0**) 23 minutes ago

Reddit is built in python.

notabug uses no python at all.

https://github.com/notabugio/notabug/tree/master/src/lib/nab

I did indeed shamelessly rip/fork reddit's CSS and dom structure.

https://github.com/notabugio/snew-classic-ui

[–] **Cuilrunnings** **0** points (**+0**|**-0**) 28 minutes ago

Very slow, seems to freeze my browser when I open it. Nice work so far outside of that.

[–] **go1dfish** [S] **0** points (**+0**|**-0**) 27 minutes ago

What browser/platform?

I intentionally have neglected to include pagination yet as a bit of a stress test. Should add it in later tonight or tomorrow at the latest.

permalink   **parent**

[–] **meowmix56** **0** points (**+0**|**-0**) 43 minutes ago

I'll check it out but no promises. If I wanted a site that'd be perfect aside from being dead all the time I'd just go to 8chan. I'd rather stay and help maintain an active presence here.

permalink

[–] **9-11** **0** points (**+0**|**-0**) 1.1 hours ago

Fix the mobile

permalink

[–] **go1dfish** [S] **0** points (**+0**|**-0**) 60 minutes ago

Specifically what's not functioning on mobile?
Works on my iPhone SE and iPad

permalink   **parent**

[–] **N3DM** **1** points (**+1**|**-0**) 25 minutes ago

Works on my Zenphone

permalink   **parent**
1 reply

[–] **9-11** **0** points (**+0**|**-0**) 38 minutes ago

Completely blank white page.

permalink   **parent**

[–] **incellivision** **0** points (**+1**|**-1**) 1.8 hours ago

You're here forever.

permalink

[–] **Negro_Nazi** **0** points (**+0**|**-0**) 1 hour ago

Do it for her

permalink   **parent**

[–] **TerdWilson** **-1** points (**+0** | **-1**) 35 minutes ago (edited 34 minutes ago)

loading slow.... must be messing with it

upvoat/down is obsolete bullshit btw

permalink

> [–] **go1dfish** [S] **0** points (**+0** | **-0**) 22 minutes ago
>
> What browser/platform/connection?
>
> When you say it's loading slow, is it locking things up, or are you just seeing items come in slowly?
>
> The lack of pagination is a bit of an intentional stress test right now.
>
> **permalink**   **parent**
>
> > [–] **TerdWilson** **0** points (**+0** | **-0**) 19 minutes ago
> >
> > its working fine now,
> >
> > > or are you just seeing items come in slowly?
> >
> > this
> >
> > **permalink**   **parent**
> > 1 reply