Where will your website be in 20 years?
How to save WordPress websites for long periods of time
JACOB BUURMA

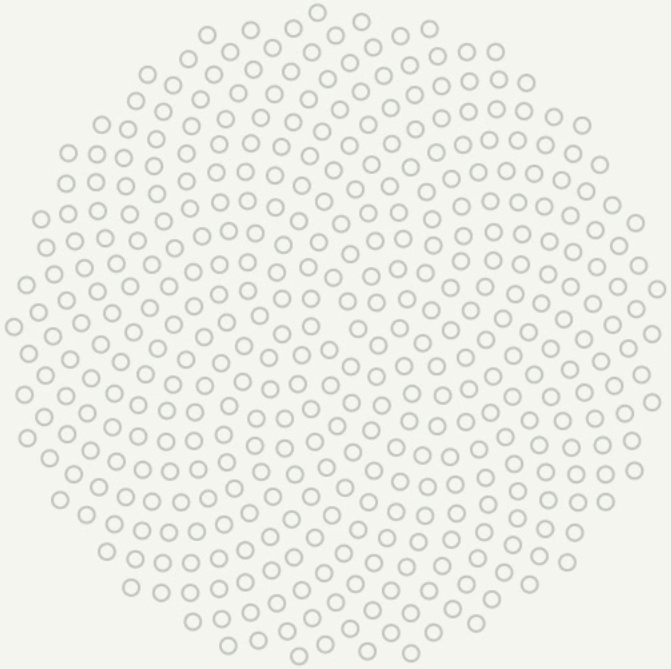
vibrantcontent.ca/wordcamp

Link Rot

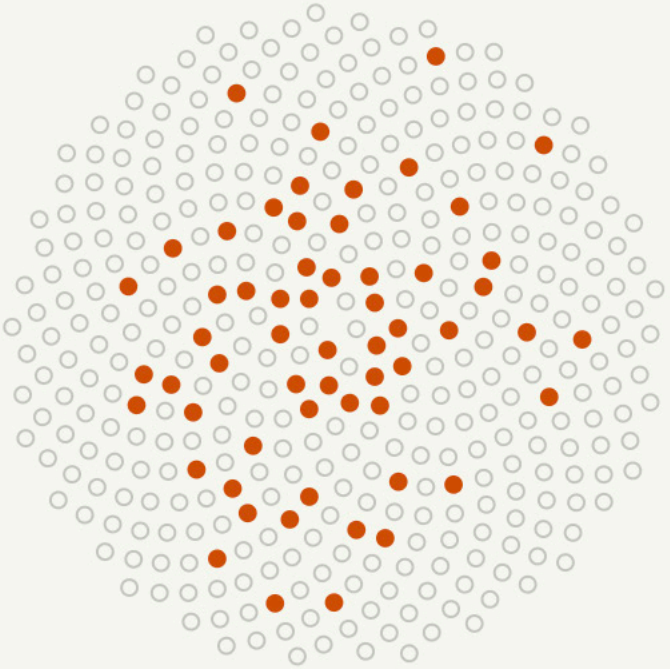
1. Broken or altered **links**
2. **Web content** that has changed or disappeared

Always on the move

Link Rot Spread

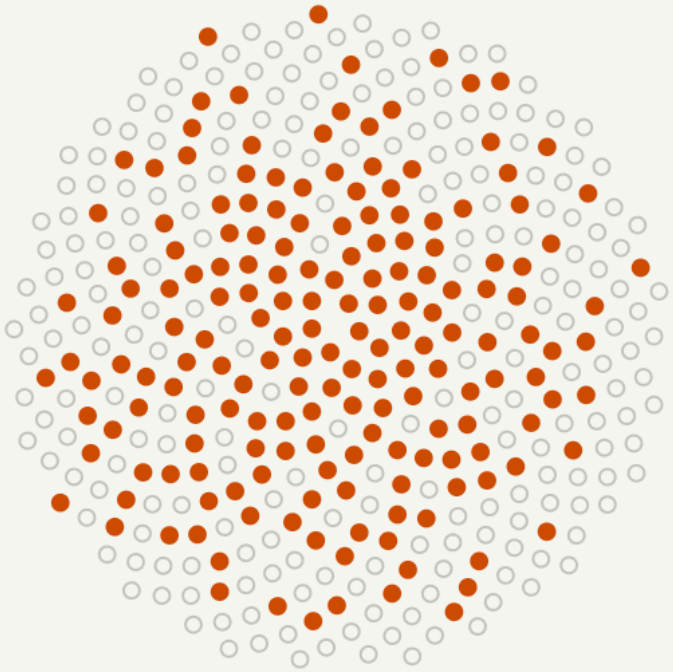


Links start healthy. New citations have been vetted and verified.

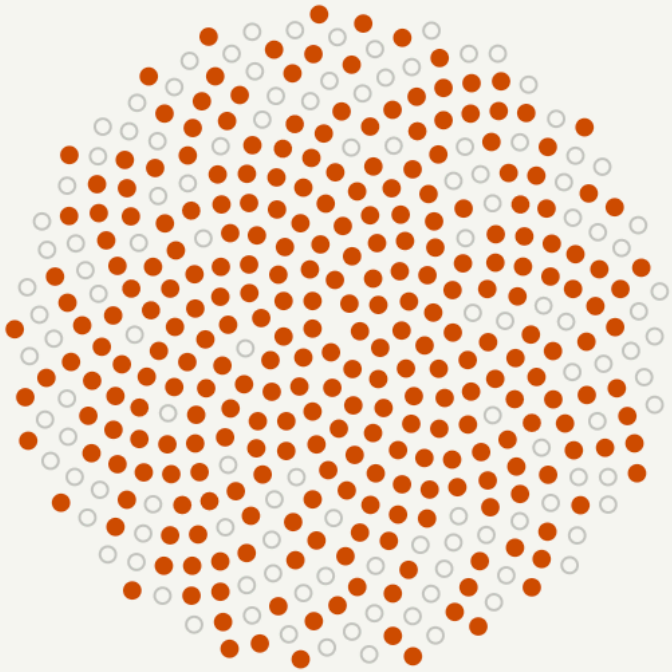


After one year. After a year, over 20% of cited links may be dead or otherwise inaccessible.

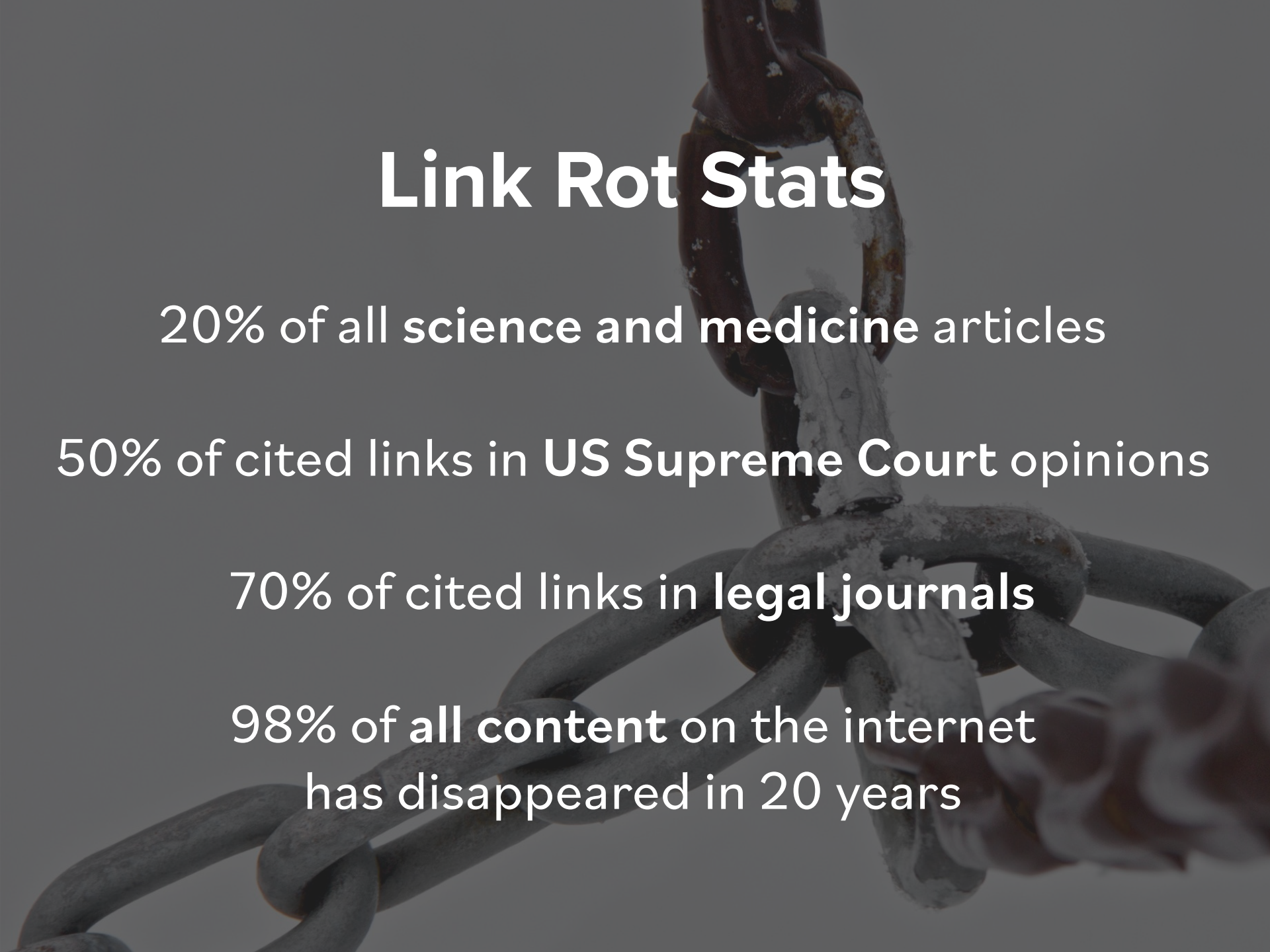
perma.cc



After five years. After five years, the situation is much worse — over 50% of cited links can be affected.



As time goes on. Link rot is inevitable and rarely reversible. The longer the wait, the more likely a link will have rotted.



Link Rot Stats

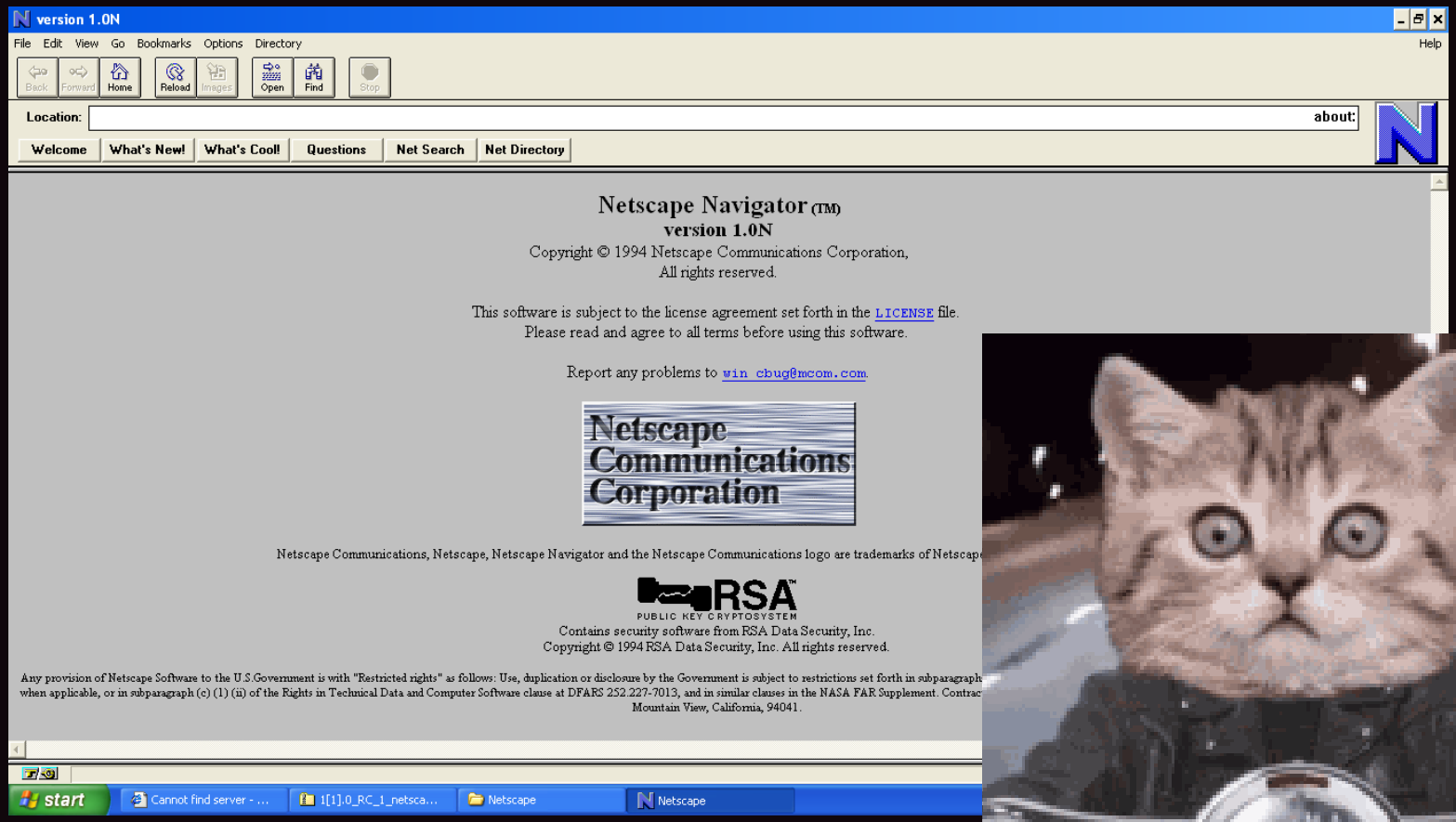
20% of all **science and medicine** articles

50% of cited links in **US Supreme Court** opinions

70% of cited links in **legal journals**

98% of **all content** on the internet
has disappeared in 20 years

Good Riddance

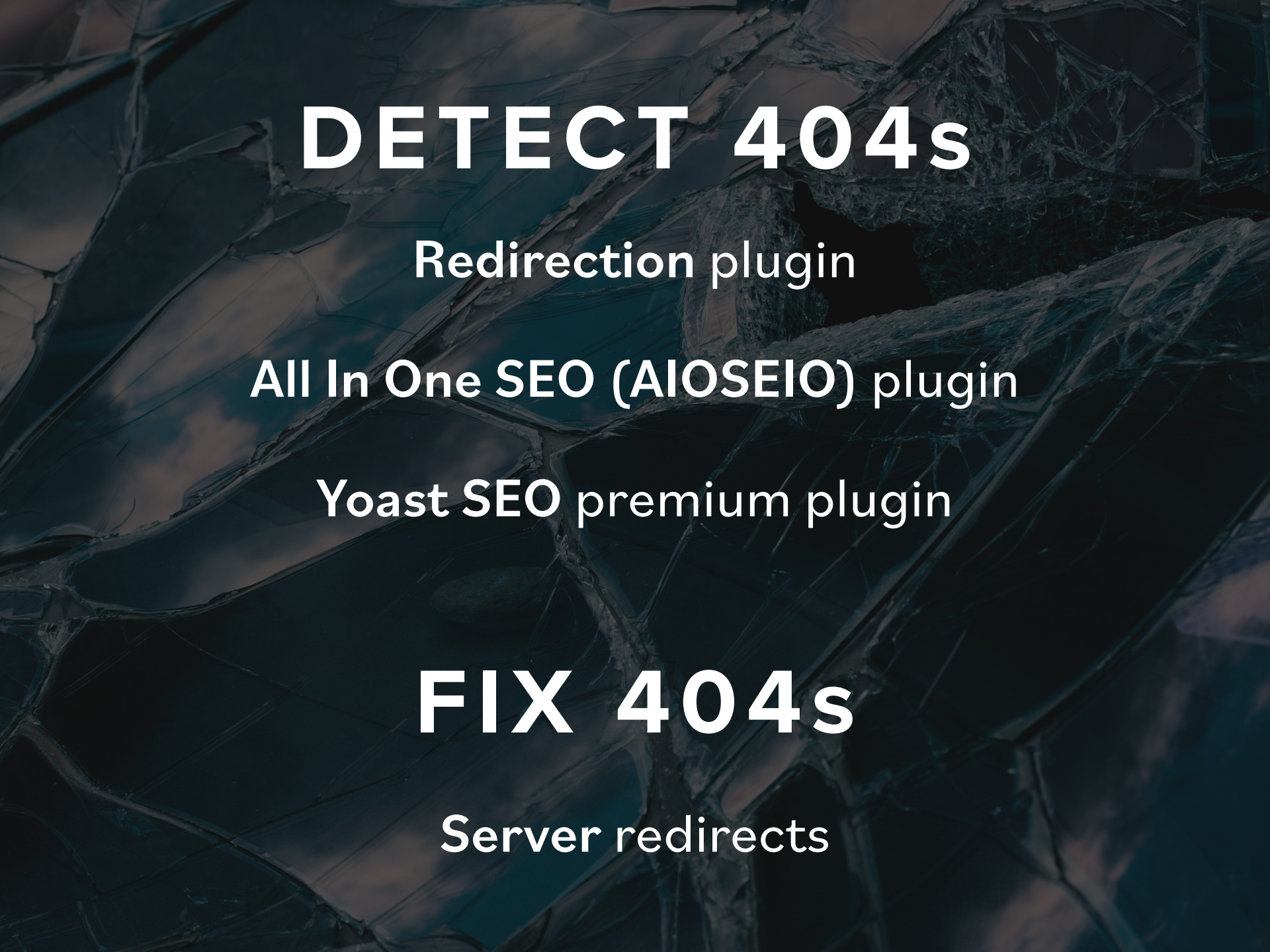


WordPress

Life cycle of a research website

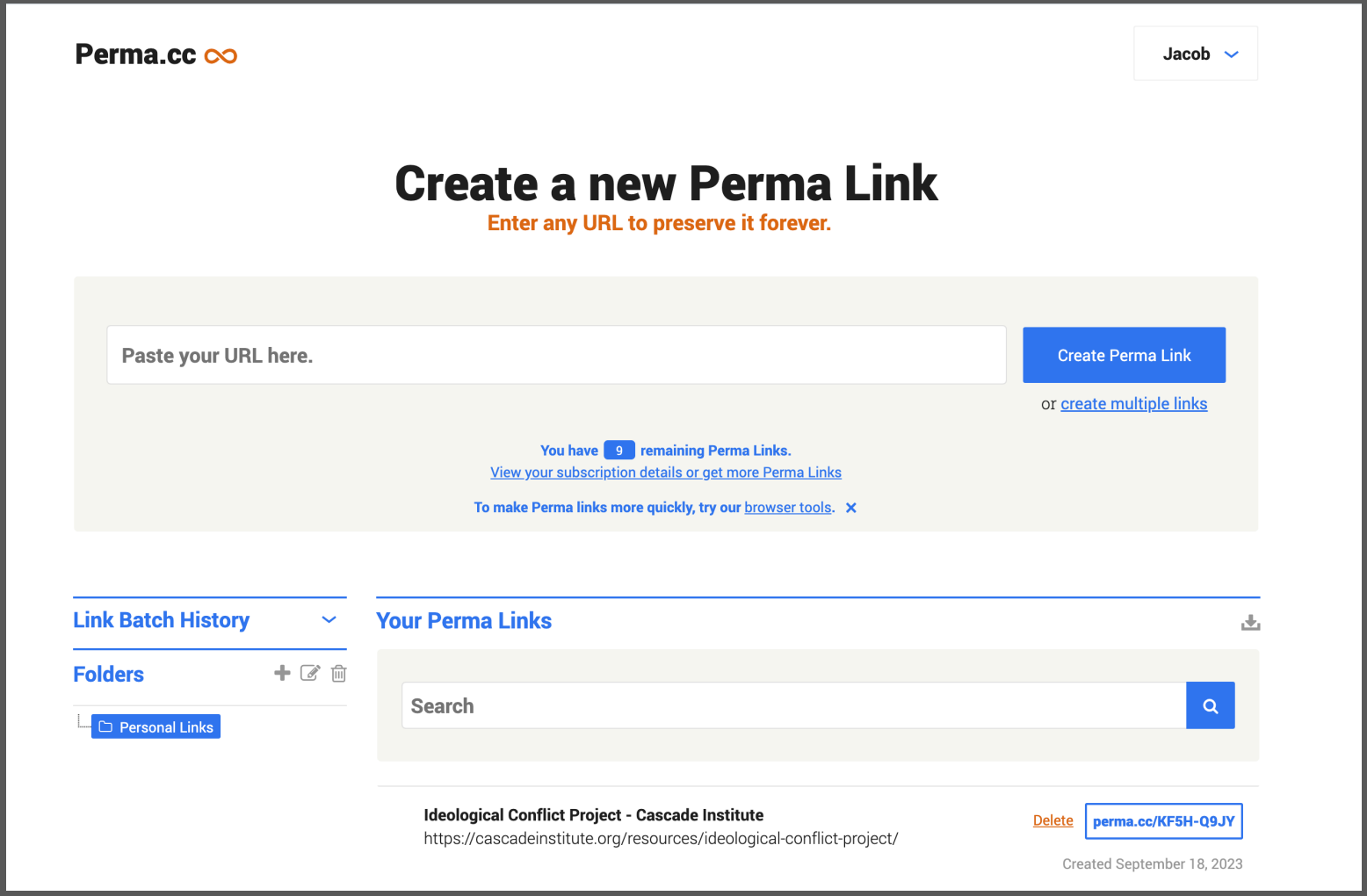
The Ideological Conflict Project (ICP) seeks to advance understanding of how beliefs, ideas and emotions influence behaviour during conflicts. Using methods drawn from the field of complexity theory, we confront the questions of why people believe what they believe, how their beliefs change, why beliefs are so often resistant to change, and how beliefs motivate violent conflict.
Learn More

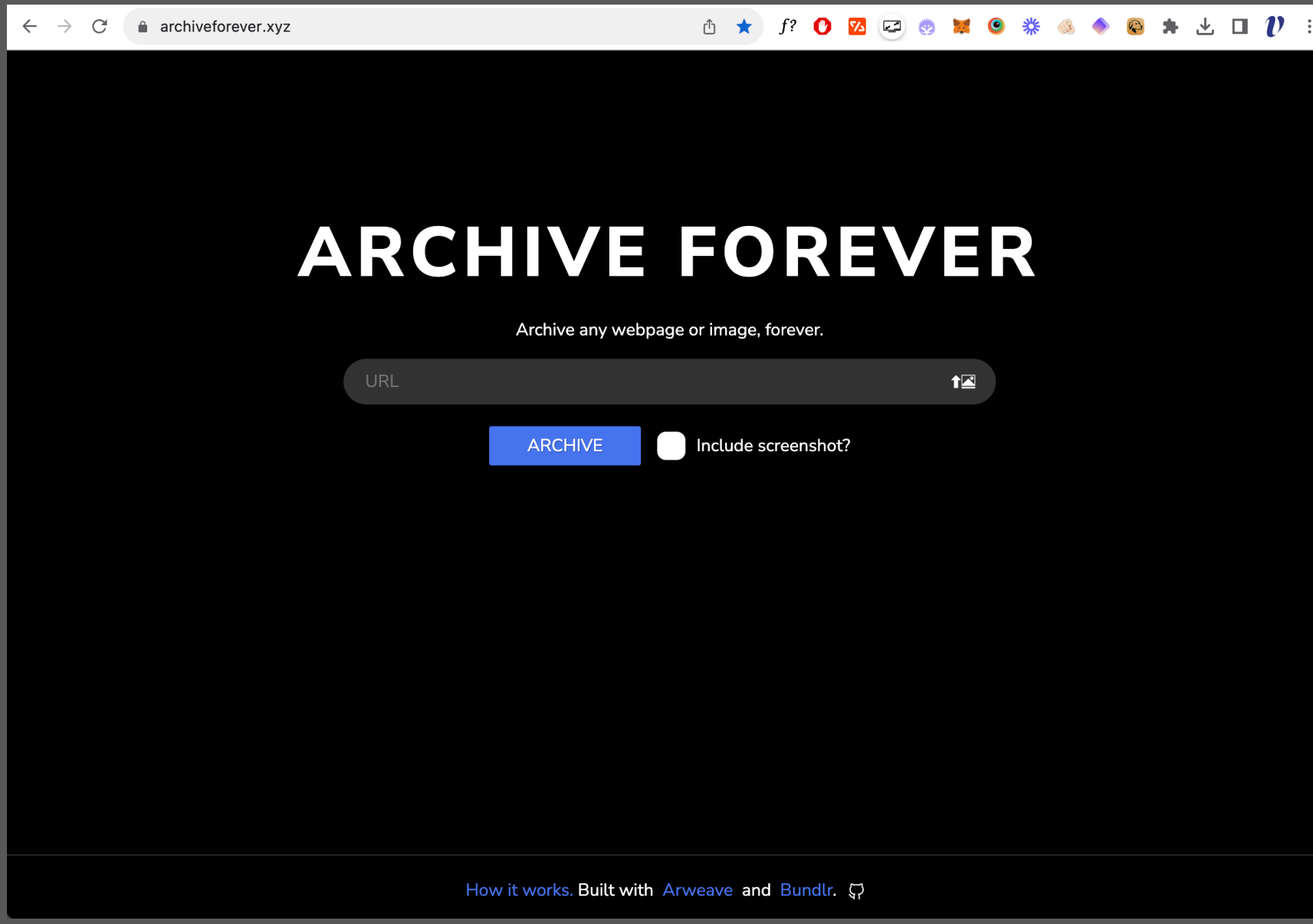
STOP THE
404


DETECT 404s
Redirection plugin
All In One SEO (AIOSEIO) plugin
Yoast SEO premium plugin
FIX 404s
Server redirects

But what about *external 404s?*

perma.cc

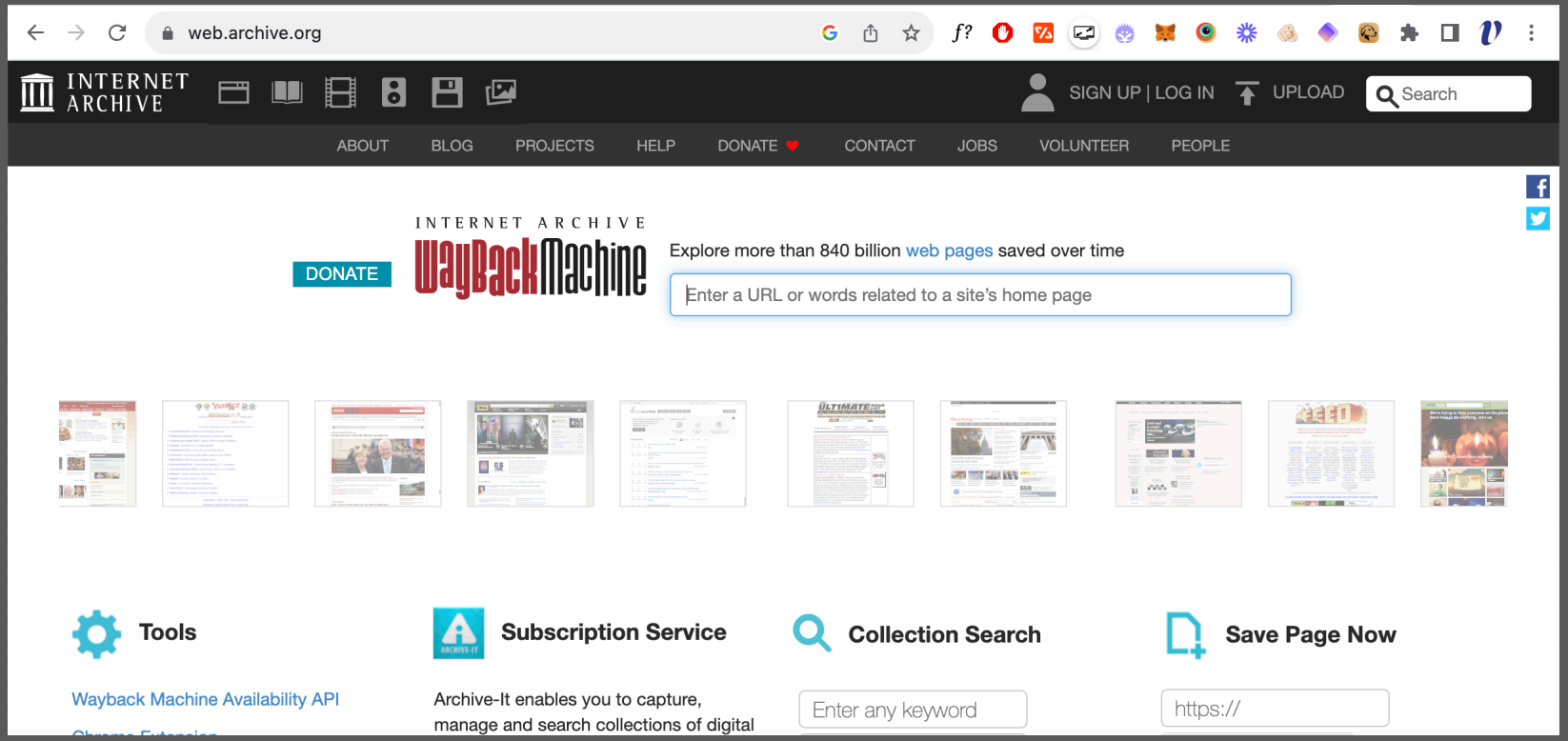

Perma.cc
Jacob
Create a new Perma Link
Enter any URL to preserve it forever.
Paste your URL here.
Create Perma Link
or create multiple links
You have 9 remaining Perma Links.
View your subscription details or get more Perma Links
To make Perma links more quickly, try our browser tools.
Link Batch History
Folders
Personal Links
Your Perma Links
Search
Ideological Conflict Project - Cascade Institute
https://cascadeinstitute.org/resources/ideological-conflict-project/
Delete
perma.cc/KF5H-Q9JY
Created September 18, 2023


archiveforever.xyz
ARCHIVE FOREVER
Archive any webpage or image, forever.
URL
ARCHIVE
Include screenshot?
How it works. Built with Arweave and Bundlr.

But what about *whole websites?*

OPTIONS

Wayback Machine



WordPress.com Launches 100-Year Domain and Hosting Plan for $38K

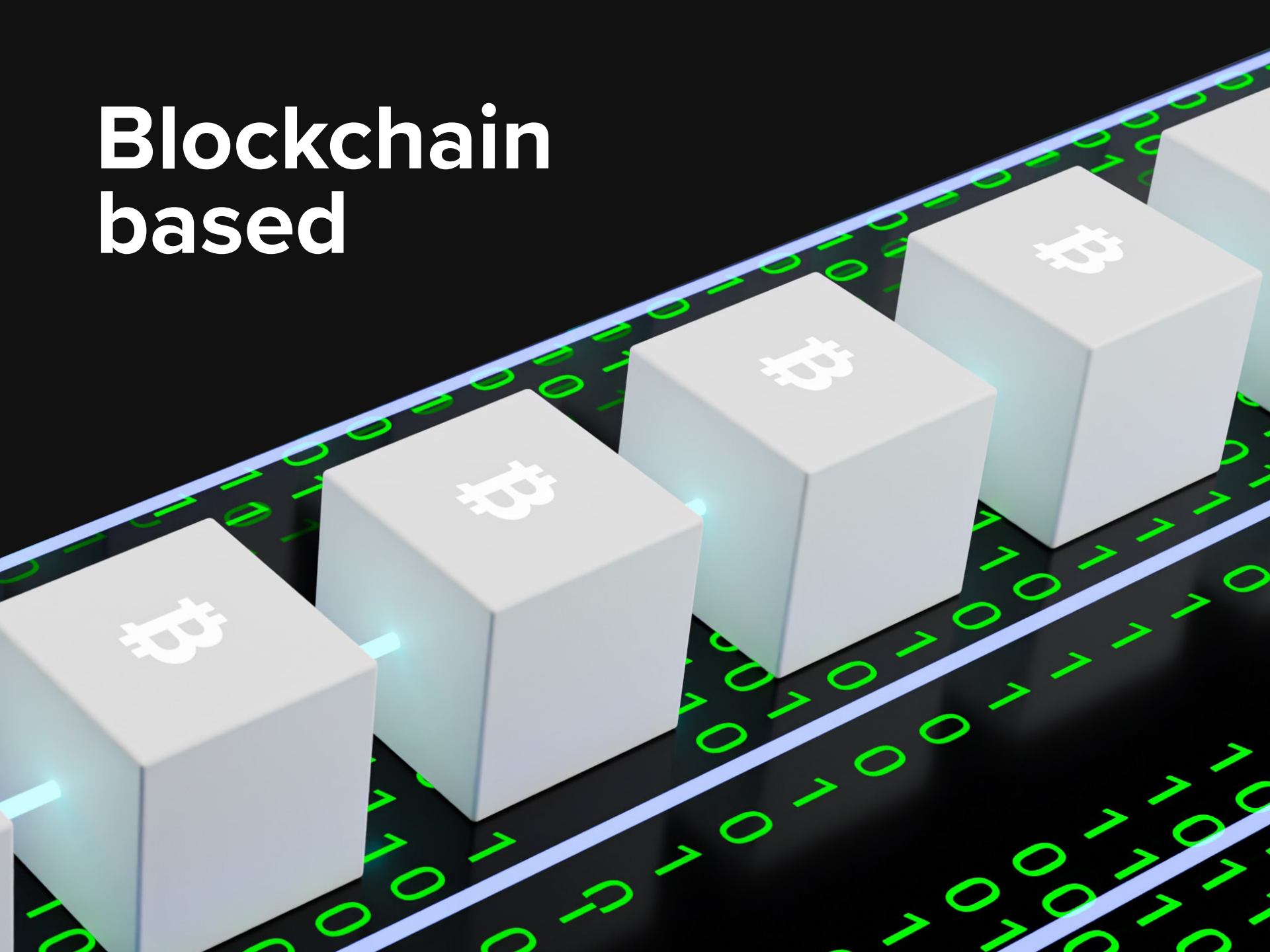
Anil Thaakran
Head of Evangelism | Sales | Marketing | WordPress | White Label WordPress | Relationship Builder | Cricketer | Footballer

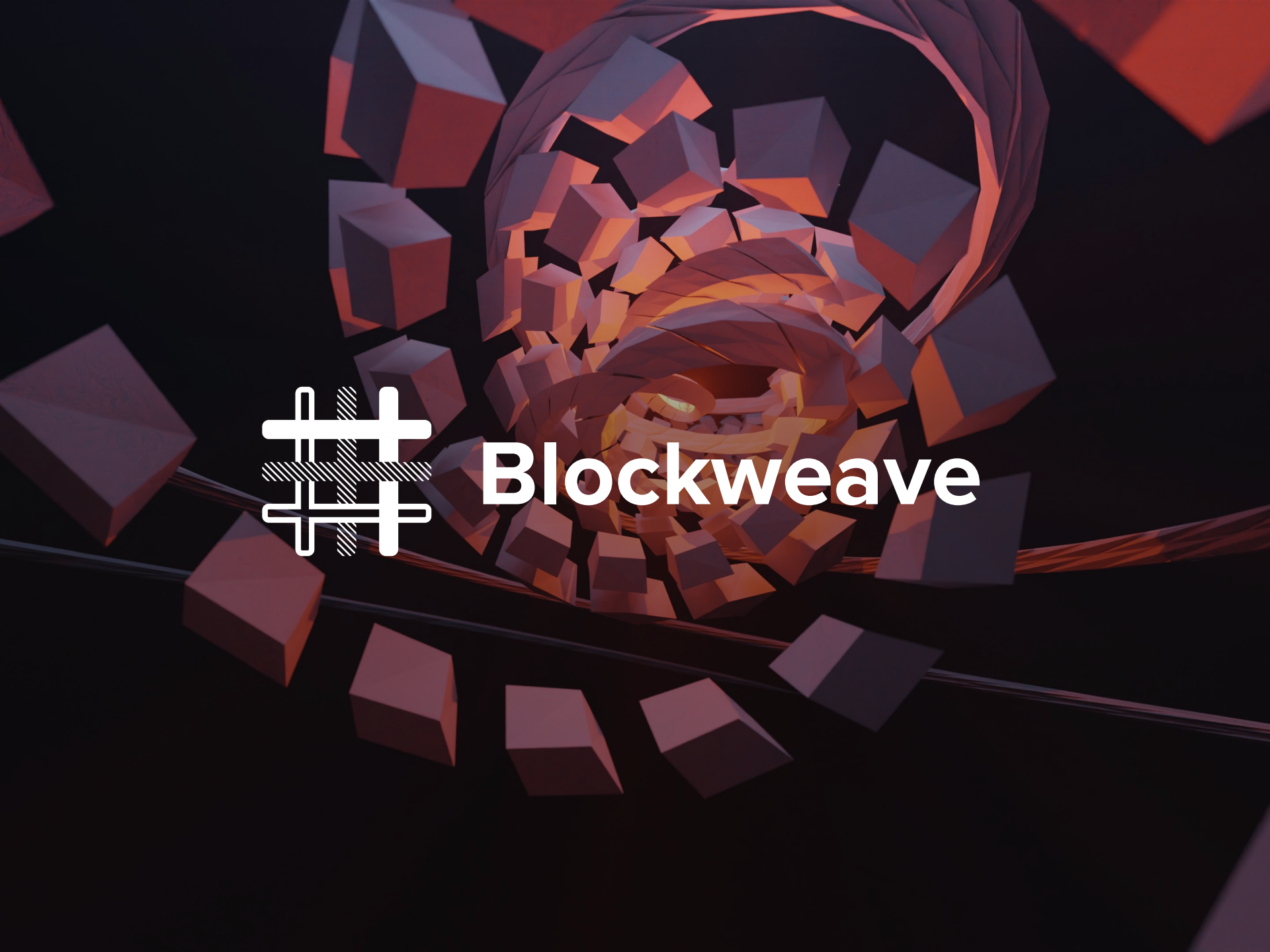
12 articles + Follow

September 4, 2023

arweave

Blockchain based




Blockweave

arweave

Each file has ~**800 replicas** globally

File integrity checked every **15 seconds**

Extremely hard to **delete**

Pay once, **store 200+ years**

Endowment

arweave

Weave Size

136.25 TiB

Wednesday, Sep 20 2023

GROWTH

arweave

USE CASES

Developers

Popular in China

Digital Scrapbooking

Businesses

Deep Dive: Sam Williams

arweave

OBJECTIONS

Dependent on AR Token

Betamax syndrome

Data permanence v Permanent access

Emerging competitors

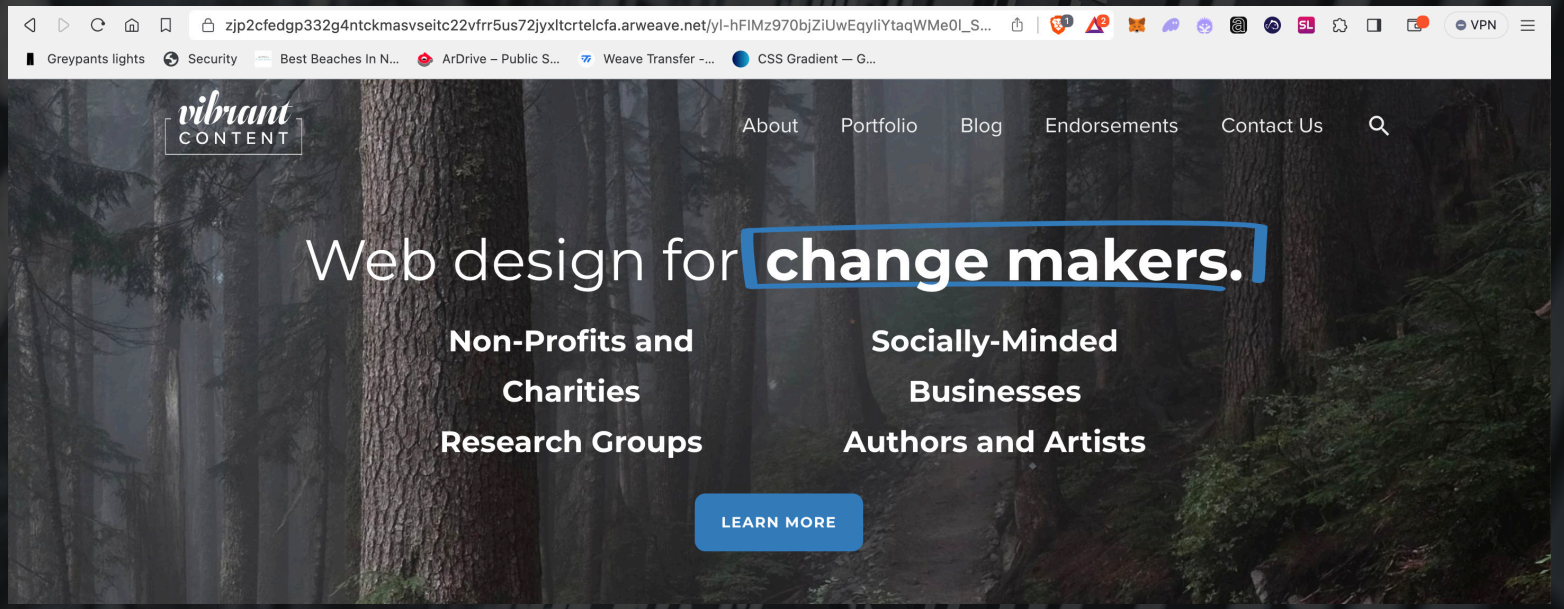
lighthouse.storage forever.com

Helpful to deter link rot and

404

10 STEPS
TO PERMANENCE

DEMO PERMASITE



vibrantcontent.ca → tiny.cc/vibrantcontent

200 years of storage for $0.24

WHAT ARWEAVE TOOL?

DRAGONDEPLOY

ARCHIVE FOREVER

ardrive

Akord

1. BUILD STATIC SITE

Simply Static

WordPress plugin

simplystatic.co

Offline Pages Pro

Mac App

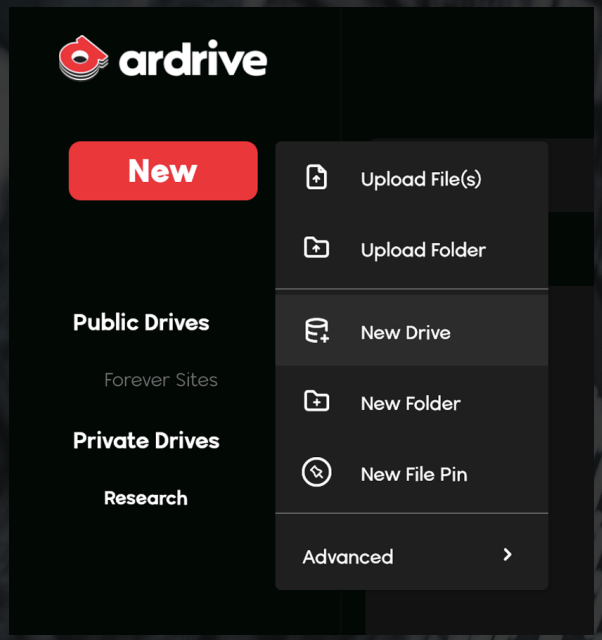
codiumlabs.com

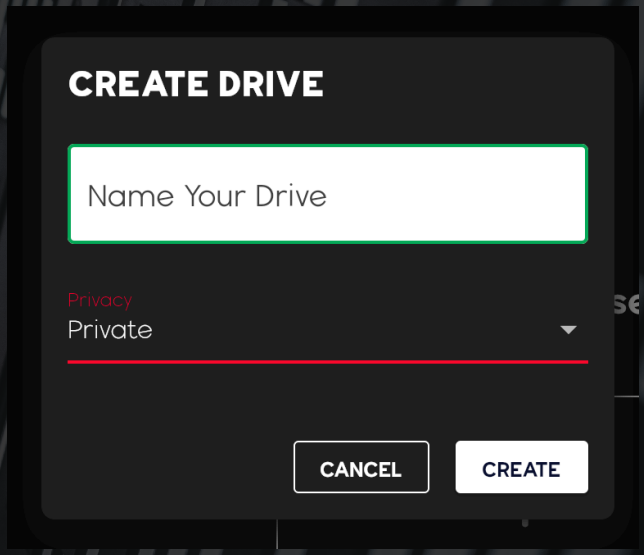
2. CREATE ACCOUNT

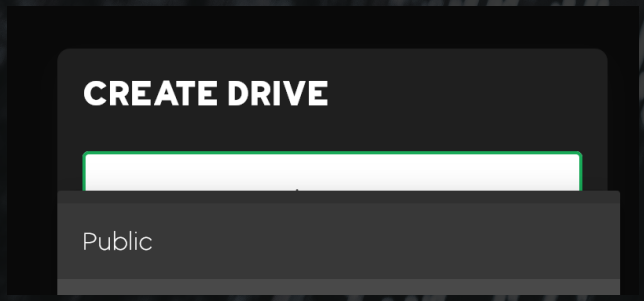
app.ardrive.io

Click “New User” on the login page

3. CREATE DRIVE

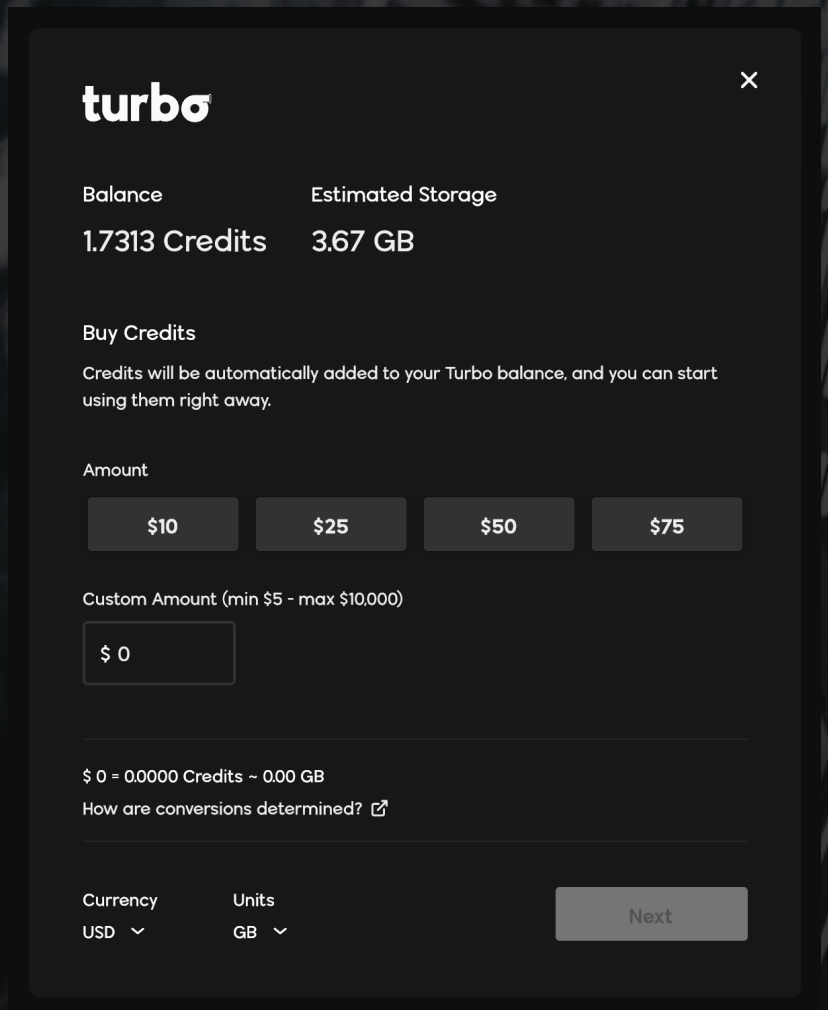






Make Drive **Public**

4. TOP UP



Pay once, store forever

1 GB = $3 CDN

Files under 500 KB are free

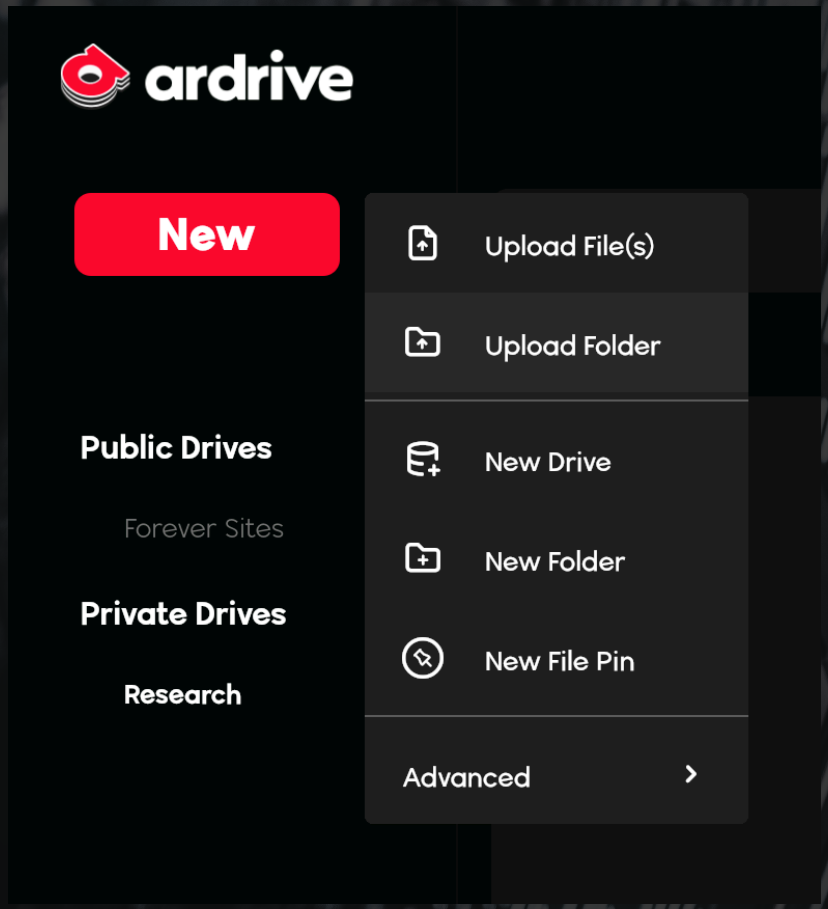
vibrantcontent.ca

71 MB

.03 Credits

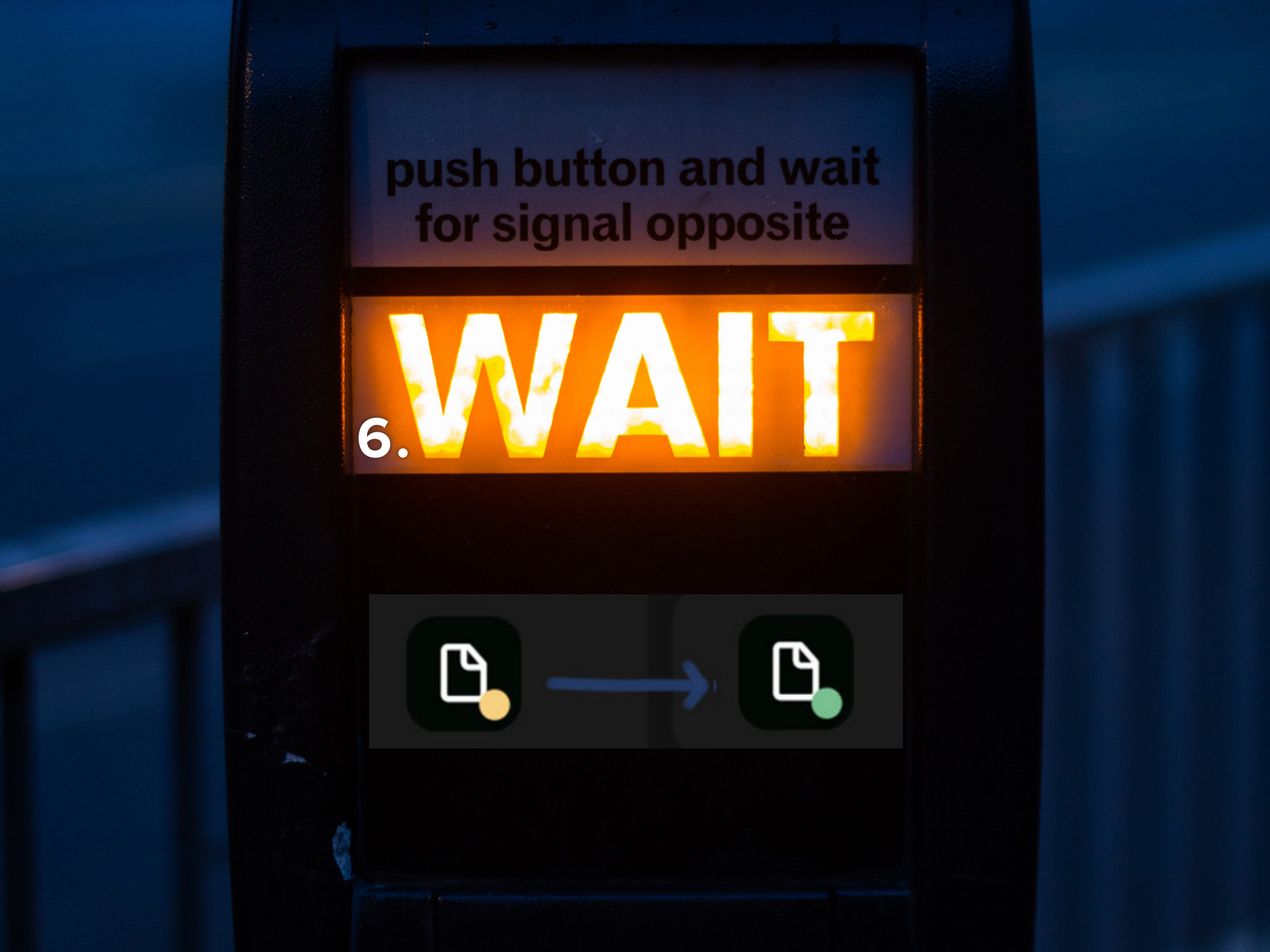
$0.24 CDN

5. UPLOAD STATIC FILES

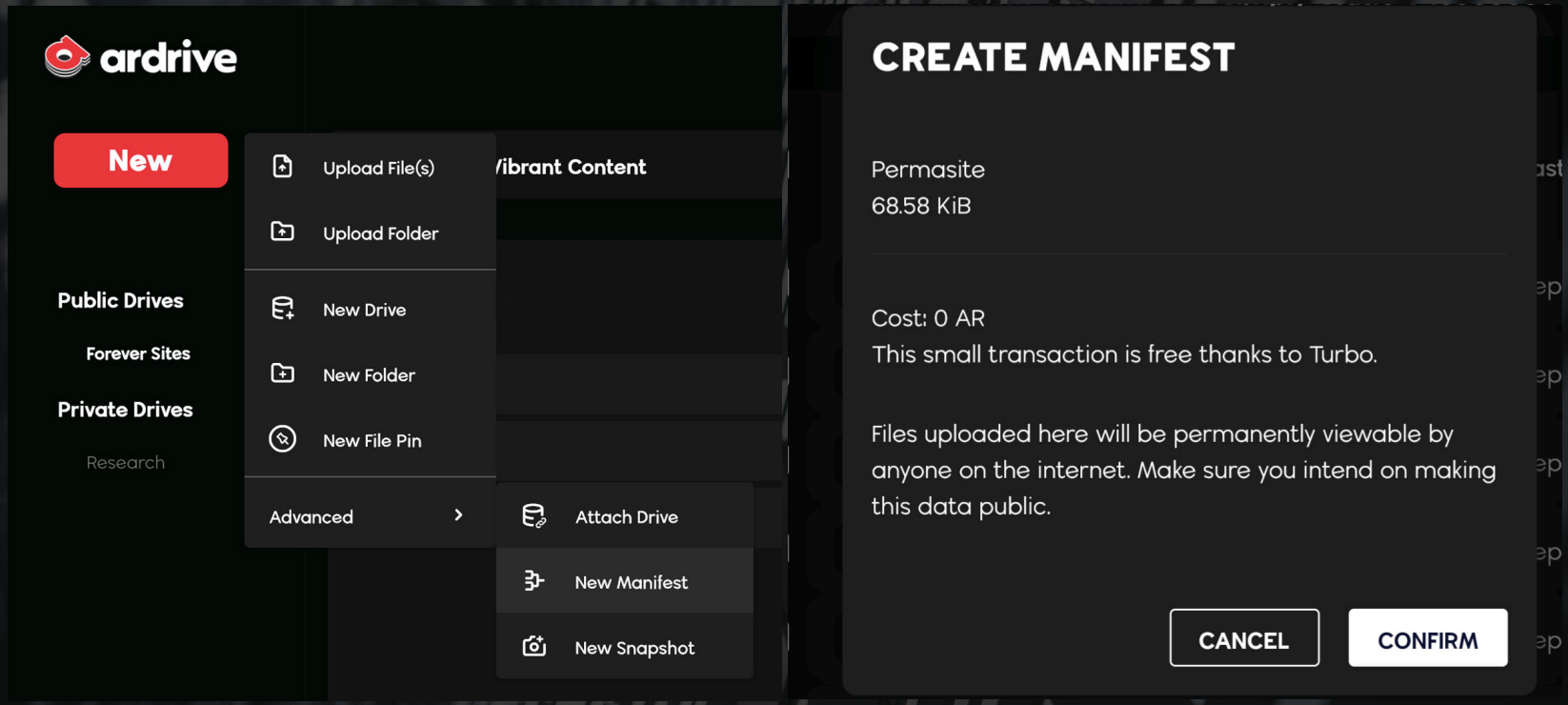


file: index.html

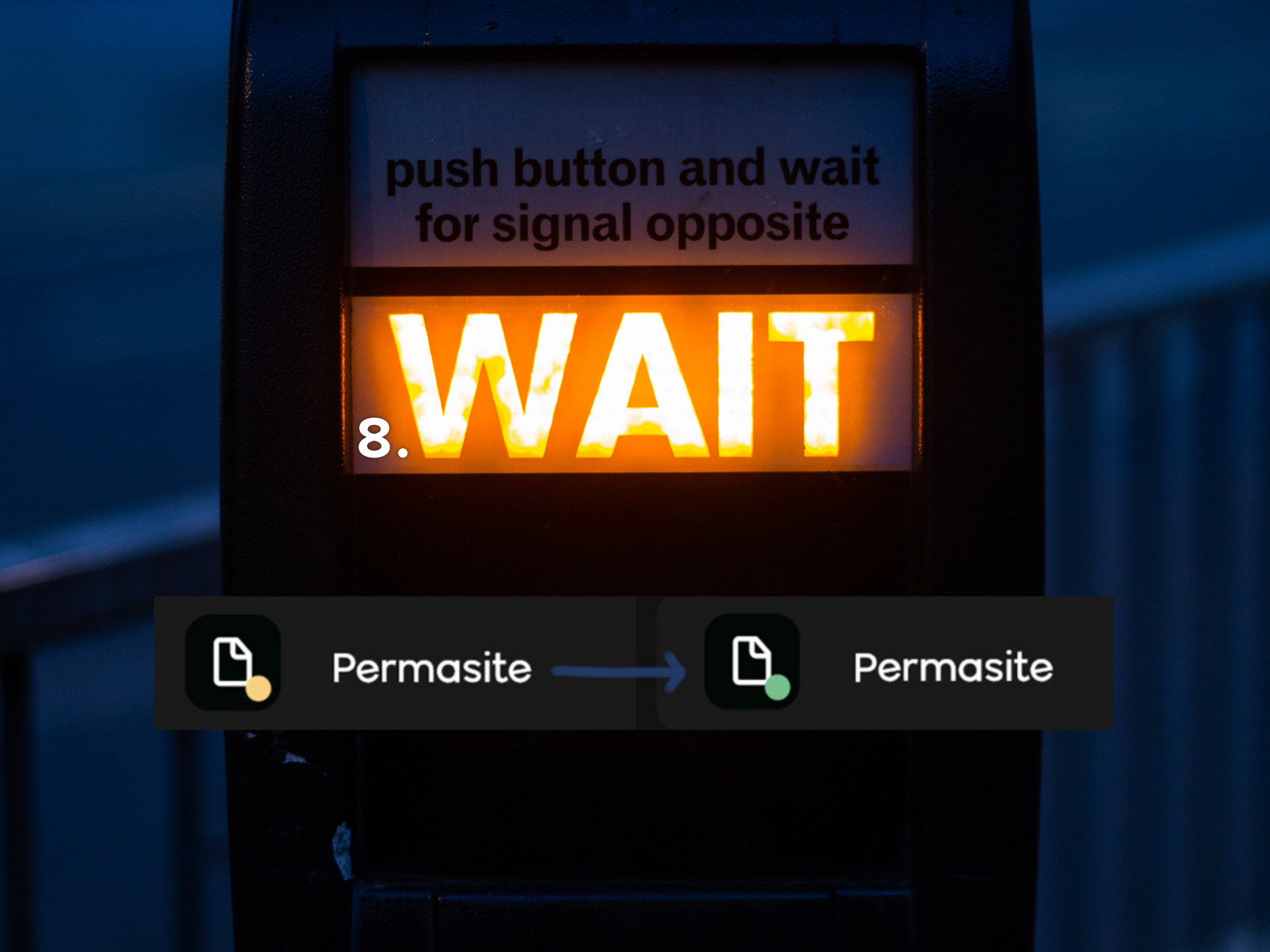
folder: images, fonts, css, js


push button and wait
for signal opposite
6.
WAIT

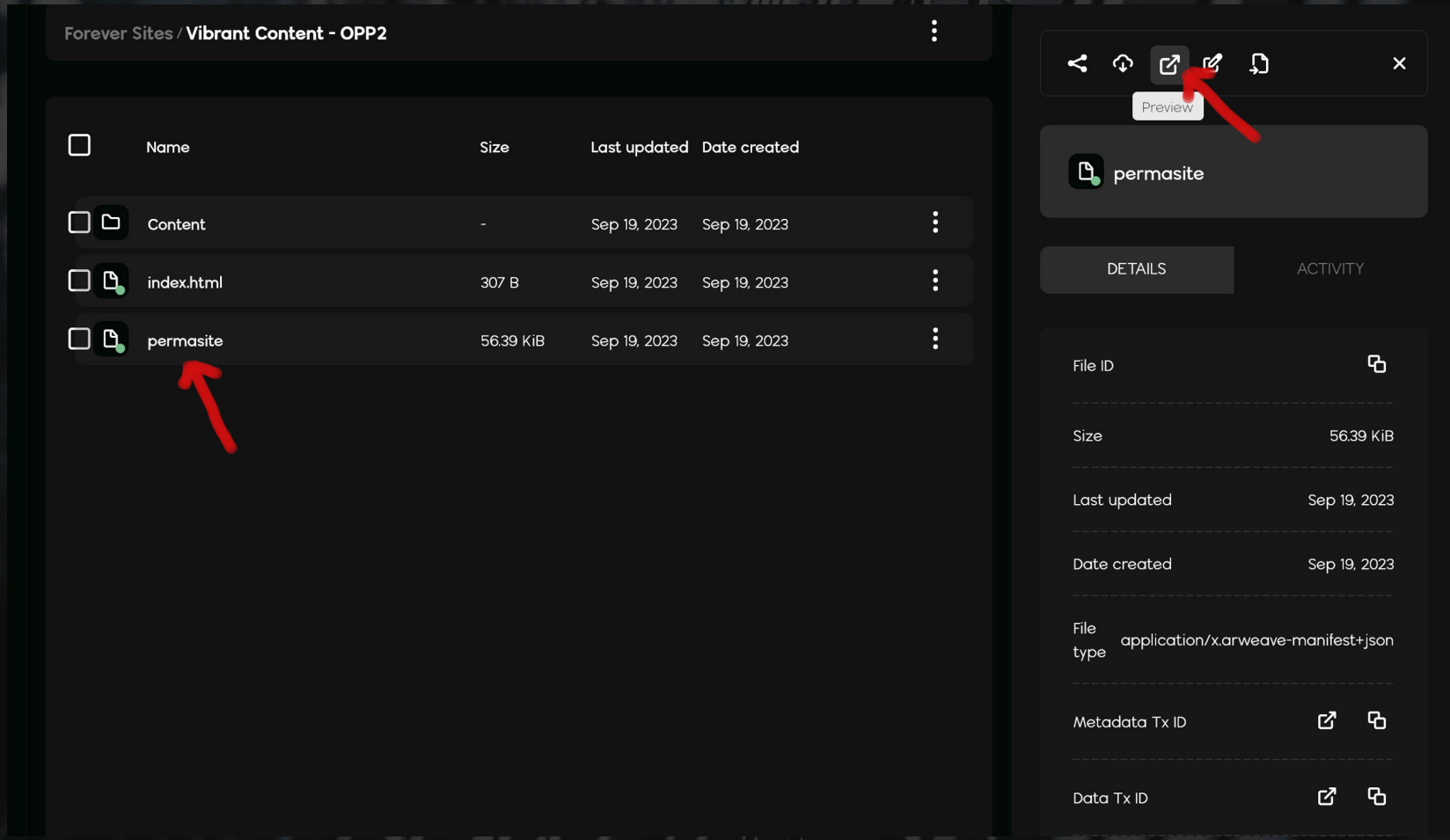
7. CREATE MANIFEST



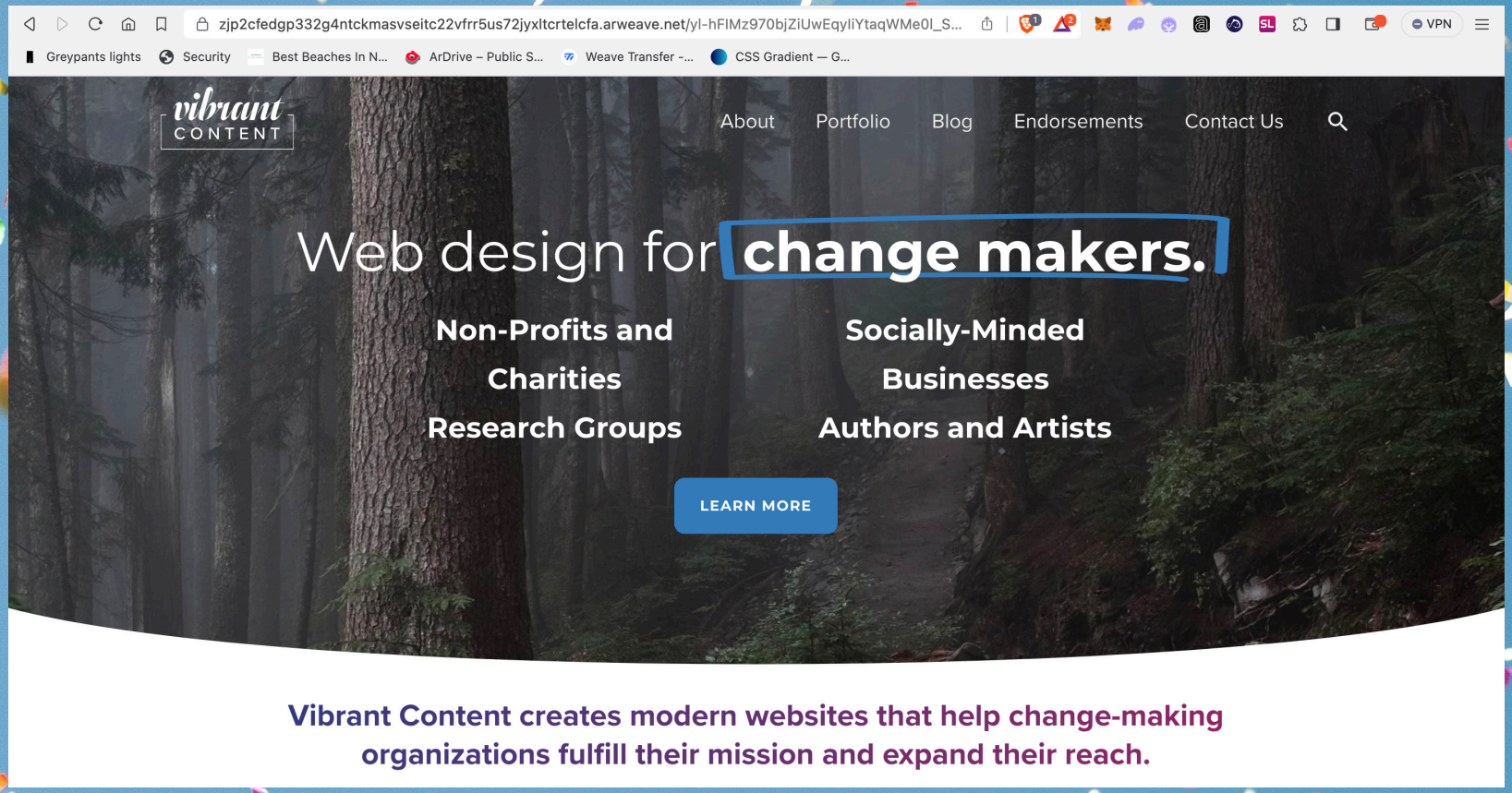
put in same place as index.html


push button and wait
for signal opposite
8.
WAIT
Permasite
Permasite

9. PREVIEW MANIFEST



HUZZAH



Vibrant Content creates modern websites that help change-making organizations fulfill their mission and expand their reach.

https://zjp2cfedgp332g4ntckmasvseitc22vfrr5us72jyxltcrtelcfa.arweave.net/yl-hFIMz970bjZiUwEqyliYtaqWMe0l_ScXXMUZkWIo/Content/vibrantcontent.ca.html

HEADS UP

NO Delete Button

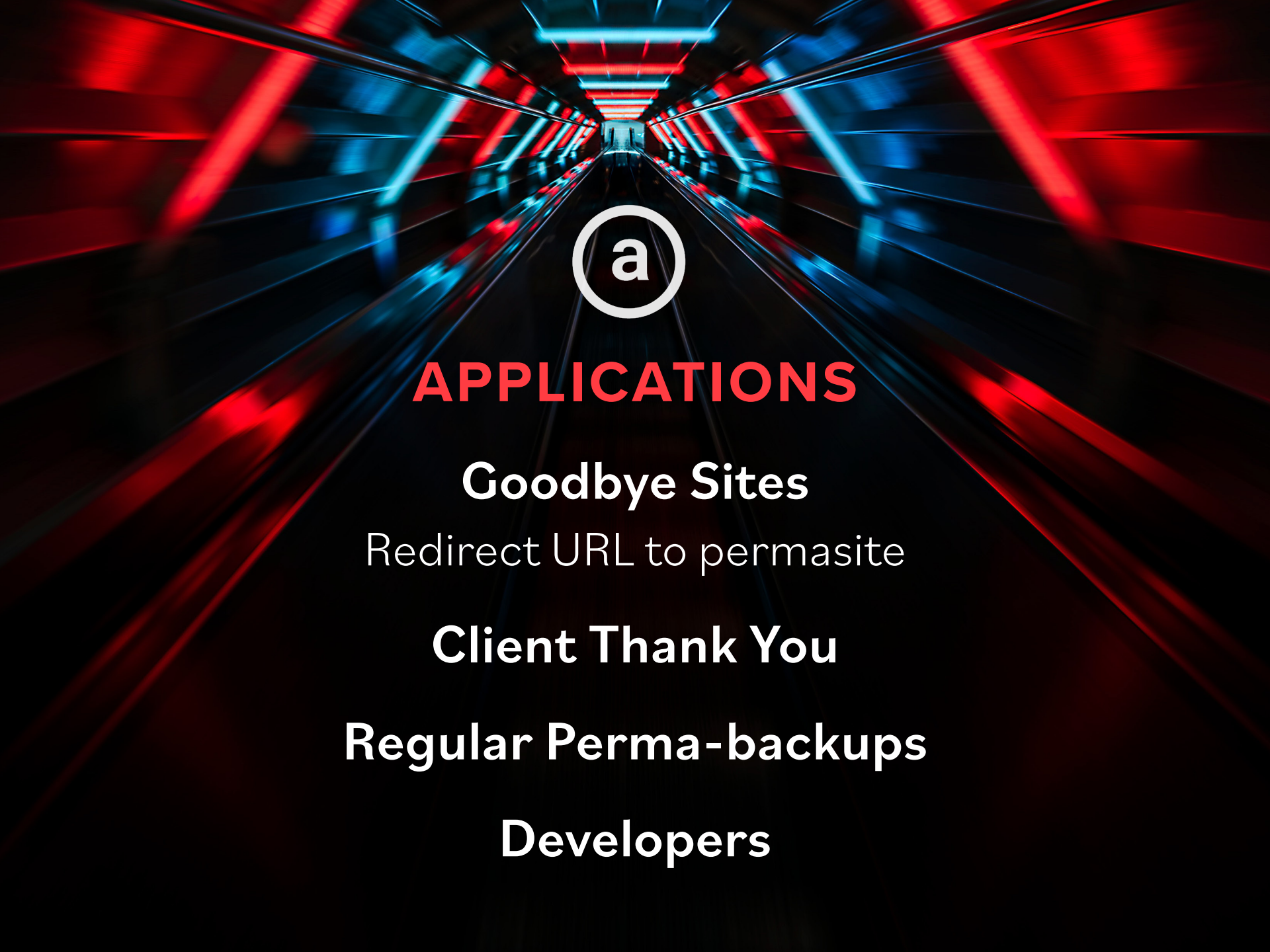
No Password Reset

Not your keys, not your files

Static Sites only

Non-English URLs problematic

Permanence takes **patience**



APPLICATIONS

Goodbye Sites

Redirect URL to permasite

Client Thank You

Regular Perma-backups

Developers

Thank you!
vibrant
CONTENT
vibrantcontent.ca

Q & A

vibrantcontent.ca/wordcamp