

Website Translation Guidelines

1. If you have any questions, please comment on our bounty post [here](#)
2. Otherwise, translate the text below and send the resulting translation to our account on bitcointalk.org
3. Please also provide previous work you have done, so we can verify the quality of your translation

Contribute
Cryptocurrency
Developers
Researchers
Citizens
Blockweave

archain

A parallel internet inside the first truly scalable cryptocurrency.

Archain is a permanent de-centralised and uncensorable archive for the internet, built on novel Proof of Access and blockweave technologies.

Archain is a perma-net for the internet.

[Learn More](#) | [Read the Whitepaper](#)

Uncensorable

Archain works beyond the reaches of traditional censorship by mirroring data globally.

Irrevocable

Archain uses a blockweave structure to cryptographically weave together archived data, making it impossible to remove or alter that data once it has been stored.

Unforgeable

Archain allows users to make use of a distributed consensus algorithm to prove the contents of web pages before they are placed in the archive.

A de-centralised archive for the internet.

[Download the Prototype](#) | [Contribute to development](#)

Blockweave

Archain is based on an exciting new blockchain-like data structure: a blockweave. The blockweave allows Archain to scale to sizes previously far out of reach.

Proof of Access

Archain's revolutionary Proof of Access algorithm incentivizes miners to share the load of the blockweave evenly, resulting in a self-organising permanent storage network.

An information based cryptocurrency

A cryptocurrency intrinsically linked to a vast trove of invaluable human knowledge.

Verified Archiving

An archive with contents beyond dispute. Archain records webpages exactly as they existed at the time, leaving their contents cryptographically beyond doubt.

Build apps on a live-feed of history

Easily write apps that study and react to history as it unfolds, from automated traders to deep sociological trend analysers.

Permanence as a Service

Archain is a hard-drive that never forgets, allowing you to build a new class of censorship-resistant applications.

A cryptocurrency that scales to internet capacity.

Archain uses a revolutionary new blockweave data structure, based on a new Proof of Access algorithm. While maintaining all of the benefits of traditional Proof of Work systems, the novel Proof of Access algorithm solves the problem of blockchain scalability by creating a self-organising data storage network.

Mining a new block in the Archain requires not only the current block in the system, but also a randomly selected previous block, too. This incentivises miners to store as much of the chain as they can, focusing particularly on blocks that are not well-mirrored by others.

Proof of Access and the blockweave allow Archain to reach internet-scale.

Read more in the [whitepaper](#)

Make history, permanently.

Archain is an irrevocable distributed archive of the internet, seamlessly merging with the normal web. With Archain's browser extension, your favourite web pages can become a permanent part of history with just a few clicks

Archain empowers citizens to hold governments and organisations to account. When Archain is in motion, it will no longer be possible for politically sensitive documents or news to be altered or removed after they are first published.

Archain is the ultimate tool against the censorship and repression of political information.

Rewind the internet.

Researchers and citizens will be able to use Archain to rewind time on the internet,

and experience history as it happened. As so much of our modern societies occurs on the internet, Archain will not be just a dry historical record, but a visceral recording of events as they were perceived at the time.

Archain provides sources you can trust. Researchers can be mathematically confident that their source is exactly as it existed on the internet, when it was first archived.

Relive the internet's past with Archain.

Build apps on a live-feed of history.

Using Archain's App Developer Toolkit (ADT), developers can easily build and run custom nodes in the Archain network. Archain apps receive a constant, hand-collated stream of historically important information. This data will be used to support a broad range of applications, stretching from automated stock traders, to uncensorable social networks.

Archain apps are not only deeply flexible and powerful, but are also extremely easy to write in either Erlang or Elixir.

Check out the App Developer Toolkit and start building apps on the Archain today!
[Watch Video Tutorials](#) | [Download the toolkit](#)

A cryptocurrency for the information age.

Unlike many cryptocurrencies (for example, Bitcoin), Archain tokens (ARCs) are backed by the intrinsic usefulness of allowing permanent storage on the weave.

ARC tokens are indirectly associated with all of the information on the Archain. As the importance of the information on the chain increases, so too does the imperative to add further information to the weave, thus supporting the perpetuation of the tokens.

Archain: A cryptocurrency built to last.

Development Timeline

Target Achieved

Server prototyping begins

App development begins

Initial server prototype and Network simulator

Token presale event

Browser extension development begins

App developer toolkit release

Alpha testnet released

Main network launch

First party apps launch

Meet the Team

Sam Williams

CEO

Distributed systems expert, operating system designer and PhD candidate.

William Jones

CTO

World-expert graph theoretician, statistician and PhD candidate.

Dan Andrews

COO

MSc Candidate, Serial entrepreneur.

India Raybould

Web Designer

Experienced web designer and developer.

Alec Burt

Historical Adviser

Recent Oxford Masters History graduate.

Adam Kennedy

Motion Graphic Artist and Animator

Digital artist.

Joanna Zhang

Web Developer

Web and Mobile Developer

Jack McBride

Community Manager

MSc Candidate

Contribution Rewards

You can get involved in the development of Archain by taking part in our token pre-sale event. As well as allowing you to submit data to the blockweave when Archain launches, we are offering the following rewards to our early backers.

Write in the Genesis Block of History

Make your mark on the corner-stone of our digital history. Your message will be included in the first block on the Archain network when it goes live.

Archain Web Authentication

Use your Archain wallet (via the Archain web extension) to authenticate yourself on any supported website, with one click.

Early Access to the Archain Test Network

Check out the Archain as it develops, and get a head-start on testing your Archain-based apps.

Development Updates

Track the changes in Archain as it prepares for release, with the latest news and updates.

Development Masterclass Video

Learn how to build a de-centralised, uncensorable microblogging platform, from our lead developer.

Monthly Developer Hangouts

Join us on Google Hangouts for a monthly discussion on Archain and Archain app development.

Meet the Developers in London

Come and meet the developers of Archain in London at the first Archain meet-up.

Consultation With the Developers

Talk to the Archain developers one-on-one about how Archain can support your apps and ideas.

Your Name in the First Archain Transaction

Sign your name into the first page of our digital history.

Contribution Tiers

Basic

1+ ARC

£0.09+

SELECT

Genesis block message:

1 character/ARC

One-click Archain web authentication

Monthly Development Updates

Supporter

100+ ARC

£9+

SELECT

Genesis block message:

1 character/ARC

+100 free

Basic package

Developer

300+ ARC

£27+

SELECT
Genesis block message:
1 character/ARC
+300 free total
Supporter package
+
Early access to Alpha Test Network
Access to developer masterclass
Video

Curator
1,000+ ARC
£90+
SELECT
Genesis block message:
1 character/ARC
+2,000 free
Developer package
+
Monthly developer hangouts

Custodian
3,000+ ARC
£270+
SELECT
Genesis block message:
Negotiable
Curator package
+
Invitation to meet devs in London

Guardian
100,000+ ARC
£9,000+
SELECT
Genesis block message:
Unlimited
(within reason)
Custodian package
+
One-to-one discussion with devs
Message in first ever transaction

Token Pre-Sale

You can contribute to the continued development of archain by taking part in our token pre-sale. Proceedings from the pre-sale event will be used to fund the Archain project and perform a security audit of the codebase.

Current Price: £0.09 per ARC.

Tokens to purchase:

Your reward tier:

I have read and agree to the Terms and Conditions.

Direct Payment

Currency Payment

Tokens sold so far:

Time Remaining:

days hours minutes

Archain: Our history remembered.

Get in touch

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Company Number: