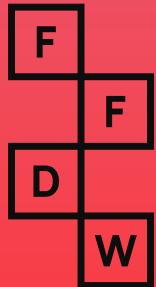


2022 Report

A Retrospective and Look Ahead



Filecoin
Foundation for the
Decentralized
Web

What is Filecoin Foundation for the Decentralized Web?

Filecoin Foundation for the Decentralized Web (FFDW) is a 501(c)(3) non-profit that focuses on charitable activities, including building and supporting the decentralized web community, funding research and development, and educating the public about the decentralized web.

All of this work is done with a core goal: to create and support better technology to preserve humanity's most important information. FFDW is a separate organization from the Filecoin Foundation. The following pages highlight FFDW's project partners and provide updates on our work together.

Board of Directors

Marta Belcher
President, FFDW



Brian Behlendorf
Linux Foundation



Rainey Reitman
Digital rights activist



Kristin Smith
Blockchain Association



Sheila Warren
Crypto Council for Innovation



Our Project Partners



Connect Humanity

As we pursue our goal of supporting an internet for everyone, it is imperative that we best understand how people around the world use the internet. To help us with this understanding, Connect Humanity is implementing a series of global surveys through a network of thousands of community-focused organizations to pull down data on how their communities rely on, benefit from, and want to see in the internet. Connect Humanity recently completed a widespread survey and scenario process to inform and deliver a report (and subsequent workshops) to summarize civil society gaps and needs toward the advancement of digital equity.



Decentralized Future Council

The Decentralized Future Council (DFC) is a collaboration between the [Internet Education Foundation](#) and FFDW. DFC is dedicated to raising awareness for the larger ecosystem of new technologies, from blockchain to cryptocurrency. The Council works to educate policymakers about new and upcoming challenges that correspond with these emerging technologies, including privacy, security, democracy, online trust and safety, and more.

Distributed Press

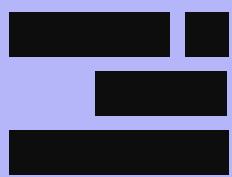
Distributed Press

Distributed Press is an initiative to build an open source, no-code publishing tool for the World Wide Web and DWeb to empower authors and amplify free expression worldwide. We are collaborating with Hypha Worker Co-operative and Sutty worker co-operative to build Distributed Press. The tool will take DWeb-native publications mainstream as a reliable end-to-end DWeb publishing platform and enable all creators to publish to the DWeb. New technical features of Distributed Press will be showcased in [COMPOST](#), a magazine centering stories about the digital commons.



Easier Data Initiative

In partnership with researchers from the University of Maryland's Department of Geographical Sciences, the [Initiative](#) ensures that large geospatial datasets are accessible to research organizations and the general public. This collaboration with FFDW will help the Initiative develop the capacity and infrastructure for uploading, analyzing, and extracting large quantities of data using decentralized storage technologies, including Filecoin and IPFS.



FREEDOM OF THE PRESS FOUNDATION

Freedom of the Press Foundation

The three-year FFDW award supports infrastructure, user experience, and security enhancements for tools used by journalists around the globe. It's also being used to explore a zero-trust architecture for SecureDrop, an open-source news and information submission system used by newsrooms worldwide for secure document exchange and communication between journalists and anonymous sources. Overall, the award helps to further the FPF's efforts to preserve historically critical information, such as its comprehensive database of press freedom violations in the United States and government data that belongs in the public sphere.



GRAY AREA

Gray Area

Gray Area is a 21st-century countercultural hub catalyzing creative action for social transformation with a mission to cultivate, sustain, and amplify a community of creative practitioners who apply antidisciplinary practice at the intersection of art and technology. Our collaboration supports the development of DWeb curriculum for the Gray Area Learn online arts education platform, with new course tracks that will empower creators to incorporate DWeb technology into their creative practices.



GUARDIAN PROJECT

<https://guardianproject.info>

Guardian Project

This project between FFDW and the Guardian Project is aimed at breaking down the notion that centralization is a necessary requirement for providing meaningful security and authentication for content veracity and distribution. It incorporates decentralized storage and communication technologies into ProofMode, a system that enables authentication and verification of multimedia content captured on smartphones and is leveraged by human rights organizations across the globe. This project also accelerates the adoption of decentralized storage technology for F-Droid, the leading free and open-source app publishing platform.

HRDAG

HRDAG

Human Rights Data Analysis Group has been turning raw data into analyzable data for nearly 30 years. The [collaboration between FFDW and HRDAG](#) focuses on outreach to and research with human rights organizations across the globe to explore how and when storing and accessing data on the decentralized web may be beneficial to their work.



Library Innovation Lab | Harvard

As a specialized lab within the Harvard Law Library, LIL explores new ways for libraries to share knowledge through technology; the [Democratizing Open Knowledge program](#) is focused on enhancing discovery and engagement with open data and exploring new ways to preserve digital information. FFDW's support enables the Library to explore how decentralized and open web technologies can help advance discovery and preservation of human knowledge, including using decentralized storage technologies like Filecoin and the InterPlanetary File System (IPFS).

UNIVERSITY OF BELGRADE

Institute for Philosophy and Social Theory | University of Belgrade

With FFDW's support, this project is collecting, digitizing, preserving, interpreting, and distributing information related to cultural heritage that various political and cultural authorities have treated as "undesirable" or "unworthy" of support. Further, the project works with the Filecoin community to demonstrate the importance of libraries and archives that cannot be burned or destroyed at the order of a government or a single individual.



Massachusetts Institute of Technology

[MIT Open Learning](#) is an organization focused on transforming teaching and learning through the innovative use of digital technologies. With FFDW's support, Open Learning will embark on a three-year project to explore how decentralized technology can support Open Learning programs, including Next-Gen [OpenCourseWare \(OCW\)](#), and upload OCW to the decentralized web.

Movement for a Better* Internet

Movement for a Better Internet

FFDW supports the Movement for a Better Internet, a collaborative effort to ensure the future of the internet is grounded in public interest values. The movement brings people together to ensure the next generation of the web is better for people everywhere.

MUCKROCK

MuckRock

FFDW and MuckRock are teaming up to integrate decentralized storage technology for DocumentCloud, a platform that currently hosts around 10 million verified documents. This collaboration will expand MuckRock's leading accountability and transparency tools to a much wider range of use cases. It will allow DocumentCloud to become a bridge for newsrooms, nonprofits, researchers, and more to move key public interest documents to Filecoin, a decentralized storage network, and support preservation, publication, and analysis efforts.

OpenArchive

OpenArchive

OpenArchive is a nonprofit dedicated to advancing human rights by empowering people to collect, verify, and securely preserve mobile media using distributed backends. Through the collaboration with FFDW, OpenArchive is exploring decentralized backends for the Save app. This will enable people on the ground capturing images and footage of world events to leverage IPFS and Filecoin and other decentralized storage options via their mobile device.



Prelinger Archives

The Prelinger Archives is using its award from FFDW to digitize a vast collection of archival 8mm, 16mm, and 35mm film footage to further its mission to make rare and one-of-a-kind films, especially films by and about underrepresented communities, accessible to the general public. This project will also support uploading the data onto a decentralized repository in order to increase the resilience and longevity of digital preservation.



Sacred Stacks

Sacred Stacks is an initiative within the Media Design Lab at the University of Colorado. The project explores how decentralized technologies may benefit communities centered around deep commitments, like spiritual experimentation, collective study, and social transformation. In this collaboration, we explore how decentralized tools and self-governance practices can make these communities even stronger.

SHIFT Collective

Shift Collective

Shift Collective is a nonprofit that helps cultural memory organizations better engage, collaborate with, and reflect their local communities. FFDW's support enables SHIFT to map the decentralized storage needs of memory organizations, such as galleries, libraries, archives and museums, and build a pilot storage network, with Historypin.org as a basis, to be tested in collaboration with institutional and community archives partners. The goal is to design an early prototype for community-centered, non-extractive, affordable, and accessible long-term, decentralized storage.



Stack Shift

Stack Shift

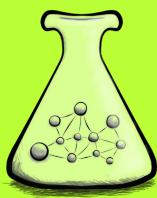
Stack Shift's mission is to advance the spread of distributed work and help remote talent in Africa expand their networks and explore high-impact jobs at fast-growing firms. With the support of FFDW, Stack Shift is placing accelerator participants at DWeb startups.



starlinglab

Starling Lab

FFDW's commitment to Starling Lab will be used to support their work to prototype tools and principles to bring historians, legal experts, and journalists into the new era of Web3. In particular, this partnership will support the development of open-source tools, best practices, and case studies to verifiably document human and civil rights violations, war crimes, and testimony of genocide. Starling Lab's work to preserve human right violations, with help of Filecoin's decentralized storage network, has been highlighted in Fast Company and CNN.



SPRITELY
NETWORKED COMMUNITIES
INSTITUTE

Spritely Network

Spritely's mission is to put people directly in control of their online identities and relationships. This award helps further the organization's efforts on projects ranging from decentralized identity to decentralized social networks to encrypted and portable storage. This technology is open, free, and built to enable a gatekeeper-free path, where users and social content are not tied to a specific server or company.

techsoup

TechSoup

Working with a network of partners, TechSoup supports change makers worldwide as they use digital solutions to achieve their own goals. With FFDW's award, TechSoup kicked off a new project, Accelerating Makers, dedicated to supporting decentralized technologies in the civil society tech stack. Accelerating Makers will support a breed of early-stage creators so they can understand and adopt decentralized technologies in their work and lives.



TechCongress

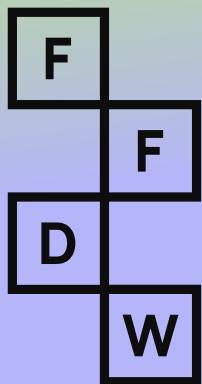
TechCongress is an organization that provides fellowships to bridge the informational gap between technologists and policymakers in Congress by placing computer scientists, engineers, and other technologists on Capitol Hill to serve as technology advisors to members of Congress.

WITNESS

SEE IT FILM IT CHANGE IT

WITNESS

WITNESS is an international nonprofit organization that helps people use video and technology to protect and defend human rights. With the support of FFDW, WITNESS will explore how the decentralized web can support the work of activists, civic journalists, and smartphone witnesses who go to great lengths to capture human rights accounts, building upon a 30-year history bridging the needs of communities with the global technology systems in which they live and work.



Filecoin Foundation for the Decentralized Web

Exciting progress made with partners in advancing the decentralized web.

Onward to the future of decentralization.