

Decentralized Identity Foundation (DIF)

Updates for W3C CCG

Kim Hamilton Duffy

Executive Director, DIF

kim@identity.foundation

August 12, 2024



DIF Lifecycle

Step 3: Apply & Grow

- Apply and deploy refined specifications in new applications, reference implementations, and infrastructure.
- Inform future requirements, standards, and use cases standards

Ongoing

Ecosystem growth through communication, advocacy, and partnerships

Step 1: Incubate

- Unstructured and structured collaboration informs innovate new cases and specifications
- Rapid incubation development of technical standards

Step 2: Graduate

Release specifications, reports, or other collaborative artifacts. Can be done in tandem with liaison organizations (e.g. W3C, FIDO, IETF)

DIF Updates: Community & Outreach

Events

- ☕ DIF Coffee Breaks (@DecentralizedID)
- 🚩 DIF Hack Alongs
 - 1st Hack Along:
<https://extrimian.io/es/courses/extrimian-y-dif>
- 🧑‍🚀 DIF Hackathon 2024



Advocacy

- DIDs in EU Digital Wallet
 - https://github.com/decentralized-identity/publications/blob/main/DID_EUDIW_ARF-20240709.pdf
- DID Method Standardization LOI
 - <https://github.com/decentralized-identity/publications/blob/main/LOI-DIDMethodStandardization.pdf>
- Cross-org initiative incl CCG & DID WG

Calendar view showing three events:

- 02 Basic Components of SSI (Self-Sovereign Identity)**
Objective: Learn about the essential components of SSI and how they interact with each other.
Host: Mateo Manfredi (Full Stack Developer | Extrimian)
Date & Time: Thursday August 15, 12:00 hs. GMT-3
Where: Online Extrimian Academy
- 03 QuarkID and Extrimian**
Objective: Learn to use the QuarkID protocol and Extrimian ID Connect for credential creation and verification.
Host: TBD (Team Member | Extrimian)
Date & Time: Thursday August 22, 12:00 hs. GMT-3
Where: Online Extrimian Academy
- 04 Project (Part I)**
Objective: Guide project ideas by team and resolve doubts and blockers.
Host: TBD (Team Member | Extrimian)
Date & Time: Thursday August 29, 12:00 hs. GMT-3
Where: Online Extrimian Academy

DIF Updates: DIF For Developers



DIF for Developers

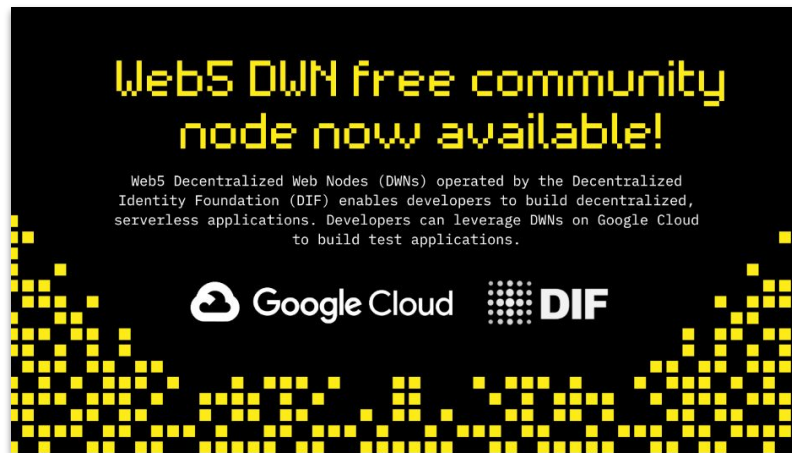
- Educational and Informational infrastructure
 - Hosted DWNs
 - Universal Resolver
- DIF Stacks
 - Recipes, profiles, design patterns, and code samples

A small pink and yellow starburst badge with the word "NEW" in white capital letters.A red ribbon badge with the words "COMING SOON!" in white capital letters.

DIF Labs

A red ribbon badge with the words "COMING SOON!" in white capital letters.

- End-user applications, protocols, demonstrations
- Gearing up for soft launch, timed with hackathon




<https://github.com/decentralized-identity/dwn-user-guide>

Working groups, items, and specs

Working Groups, SIGs, Work Items



- APAC Special Interest Group relaunch!
- Credential Schemas Work Item
 - Part of Claims & Credentials WG
 - <https://github.com/decentralized-identity/credential-schemas>
- DID Traits!
 - Part of ID & Discovery WG
 - <https://github.com/decentralized-identity/identifiers-discovery>
- DID Method (liaison with CCG) 

Credential Schemas

- Reusable KYC, Age Verification, Proof of Humanity, and more. Work item in Claims & Credentials

Recently promoted Specs

- Credential Trust Establishment
 - <https://github.com/decentralized-identity/credential-trust-establishment>
- Linked VP
 - <https://identity.foundation/linked-vp/spec/v1.0.0/>



HACKATHON 2024

Education, Travel, Reusable Identity

Thank you!

- Learn more: <https://identity.foundation/>
- Contact: kim@identity.foundation