A Formal Layer 2 Standards Working Group

An EEA Community Project, Managed by OASIS

Tas Dienes & Dan Shaw
Ethereum Foundation
Tas Dienes
Works on ecosystem support team at EF, with a focus on the enterprise ecosystem.
● Chair of EEA Mainnet Interest Group.
● Co-chair of EEA Community Projects Project Governing Board.
● Previously co-founded three B2B software companies.

Dan Shaw
Over a decade of experience bridging the needs of technology innovators and the Enterprise.
● Helped form the Node.js Foundation
● OSS founder and entrepreneur
● Layer 2 WG Co-chair

Andreas Freund, PhD
Blockchain Swiss Army Knife
● Formerly Blockchain Lead at Tata and ConsenSys, acting CTO MOBI
● Baseline Protocol Spec lead
● Chair and lead for Layer 2 Standards WG
Why do we need a formal standards project for L2?

- Facilitate discussions between L2 projects, developers, and other interested parties
- Promote interoperability and harmony across the L2 ecosystem
- Government and big companies are more comfortable adopting new technology when they are based on formal standards developed by respected standards bodies (IETF, W3C, OASIS, ISO, EEA etc.)
- Level-up the quality of standards and specifications in the Ethereum ecosystem
Why EEA Community Projects (Managed by OASIS)?

- OASIS is a nonprofit technical standards body formed in 1993
- ECP is an OASIS Open project for Ethereum related work and was started in 2019 by EF, ConsenSys, and Enterprise Ethereum Alliance (EEA)
- OASIS Open is for open source software & standards development
- Low bureaucracy and flexible standards processes
Who is involved?

- Ethereum Foundation
  - Andreas Freund - Co-Chair
  - Dan Shaw - Co-Chair
  - Tas Dienes
- Accenture
- Boba
- Matter Labs
- Metis
- Offchain Labs
- Optimism
- Polygon
Active discussion topics and work items

- Canonical Token List rules & formats for cross-chain tokens
  [https://github.com/eea-oasis/L2/pull/26](https://github.com/eea-oasis/L2/pull/26)

- Address Aliasing between EVM based L1s, L2s and Sidechains
Potential future topics

● L2 Transaction Fee Structure

● L2 Transaction Interface Standard

● Cross-chain Bridging Digital Assets with Residuals
  ○ Transferring assets with residuals such as bonds between L1/L2 chains because it will break the connection between the asset and the rights (e.g. payments) associated with it

● ... yours?
Get in touch, stay involved!

Dan Shaw – dshaw@ethereum.org
Andreas Freund – a.freundhaskel@gmail.com
Tas Dienes – tas@ethereum.org

github.com/eea-oasis/L2
Layer 2 Standards

Supporting the Ethereum Community