All Members Monthly Meeting

Working Group Updates

Wednesday, March 16, 2022
10:00-11:00 am PT / 17:00-18:00 UTC

TRUST Over IP Foundation

The Linux Foundation
Attendees are reminded to adhere to the meeting agenda and not participate in activities prohibited under antitrust and competition laws.

Only members of Trust Over IP who have signed the necessary agreements and charters are permitted to participate in this activity beyond an observer role.

* Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy
- Agenda Review (1 min)
- Welcome New Members (1 min)
- Foundation Wide Updates and Announcements (3 min)
- Working Group Updates
- Open Discussion
## New Members Review

<table>
<thead>
<tr>
<th>Contributor Organizations</th>
<th>Contributor Individuals</th>
<th>General Members &amp; Steering Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equideum Health</td>
<td>Estaban Garcia</td>
<td>Schellman</td>
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<tr>
<td>Gravity</td>
<td>Butch Clark</td>
<td>Avast (awaiting signatures)</td>
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<td>ConnEthics</td>
<td>Dr. Karn Elliott</td>
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<td>Polynym</td>
<td>Peter Vielhaber</td>
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<td>East West Management Institute</td>
<td>Nick Mothershaw</td>
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<td>Human First Tech ?</td>
<td>Nicolas Krauter</td>
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<td>Shanghai Electronic Certification Authority</td>
<td>Sherwood Moore</td>
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<td>The Nexus Today</td>
<td>Xengie Doan</td>
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Foundation Wide

Updates & Announcements
ToIP Communications Committee

- ToIP YouTube Channel
- LinkedIn Event Announcements
- Upcoming BLOGs
  - eIDAS Series
  - OIX/ToIP alignment
  - Decentralized Identity Market: Keys to mainstream adoption
- Design Principles and Member organizations highlights
- ToIP will have a panel presentation May 11th at the European Cloud and Identity Conference in Germany, May 10-13th,
The DID Council Korea is offering a 50% discount for ToIP members.

www.eventbrite.com/e/290407004167/?discount=RecommendationBySpeakers
Internet Identity Workshop (IIW)

APRIL 26, 2022 – APRIL 28, 2022 - Mt. View, CA

Members discount code: TOIP_XXXIV_20

Become an IIW Sponsor and support the collaborative work that gets accomplished at every IIW!
IIW runs on food! Some of the best interactions at IIW happen over a meal or at a break. Help from sponsors is what makes IIW continually successful.
To become a sponsor contact phil@windley.org
Ecosystem Foundry Working Group
New at the EFWG

Case Studies

Blogs

Resource Directory

Learning Pathways
## Ecosystem Classification Matrix

<table>
<thead>
<tr>
<th>Operational Business Models</th>
<th>Builder Tools &amp; Services</th>
<th>User Tools &amp; Services</th>
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</thead>
<tbody>
<tr>
<td>ID Union</td>
<td>Systems Integrators</td>
<td>Good Health Pass</td>
</tr>
<tr>
<td>evernym</td>
<td>Software / Hardware Vendors</td>
<td>PWC - video conferencing</td>
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<td>IBM</td>
<td>Consultants</td>
<td>Gleif</td>
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<td>cheqd</td>
<td>Legal and Auditing Firms</td>
<td>Boniffi</td>
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<td>Trinsic</td>
<td>Research Organizations</td>
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<table>
<thead>
<tr>
<th>Prospective Business Models</th>
<th>Builder Tools &amp; Services</th>
<th>User Tools &amp; Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who is building?</td>
<td>Who is building?</td>
<td></td>
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<tr>
<td>What are they building?</td>
<td>What are they building?</td>
<td></td>
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<tr>
<td>What is the business model?</td>
<td>What is the business model?</td>
<td></td>
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</tbody>
</table>
Ecosystem Foundry

Top Business Problems Being Addressed by ToIP-Aligned Solutions

WITH RILEY HUGHES | TRINSIC

Thursday, March 17th
11-Noon ET | 3-4 pm GMT
Presentation Series

↑ UpNext

31st March

cheq'd

14th April
eIDEasy
● Group writing session Mar 16 at 4pm PDT | 7pm EDT | 23h UTC | midnight CET

● See #ecosystem-foundry-wg slack channel for links and details
Meeting Time - EFWG

Every Alternate Thursday
8am PDT | 11am EDT | 15h UTC | 16h CET

(note current daylight savings time offset difference)

Subscribe on the ToIP Meeting Calendar

https://wiki.trustoverip.org/display/HOME/Calendar+of+ToIP+Meetings#space-menu-link-content
Governance Stack Working Group

- Deliverables released January 2022
  - Design Principles for the ToIP Stack (w/TSWG)
  - ToIP Governance Architecture Specification
  - ToIP Governance Metamodel Specification
  - ToIP Governance Metamodel Specification Companion Guide
- Work in Progress
  - Learning Pathways (w/EFWG)
On the Horizon

- Layer Specific Governance Framework Templates
  - Partnering with UFWG on Layer 1 Template
- Feedback to the EU eIDAS 2.0 and Digital Identity Wallet initiatives
- Collaboration with Open Identity Exchange (OIX) on trust framework best practices
Meeting Time - GSWG

Every Alternate Thursday
11:00 Pacific / 14:00 Eastern / 18:00 UTC

Learning Pathways Task Force
Every Alternate Thursday
11:00 Pacific / 14:00 Eastern / 18:00 UTC

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Technology Stack Working Group

- Current focus is the ToIP Technology Architecture Specification V1
- ToIP Technology Architecture Task Force is meeting twice each week (NA/EU at 14:00 UTC, APAC at 20:00 UTC)
- Has developed several different views of the 4-layer ToIP Technology Stack
- Currently completing detailed requirements for all four layers
- Current goal is to present where we are at the Internet Identity Workshop (IIW) April 26-28 (Mountain View, CA)
One View of the ToIP Technology Stack

Layer 4 (Ecosystems)
- Trust Registry
- Governance Framework

Layer 3 (Composable Trust Tasks)
- Credential Exchange Protocols (Issue, Offer, …)
- Payment Protocols (KYC, AML, token exchange, fiat …)
- Messaging Protocols (chat, message bus)
- Streaming Data Protocols (media, etc.)
- Other Data Exchange Co-Protocols

Layer 2 (Relationships)
- The "narrow waist" looking up needs to support a rich set of composable protocols.
- The "narrow waist" looking down means there can be a rich set of transport protocols.
- DID1
- DIDComm
- DID2

Layer 1 (Foundations/Primitives - Commitments & Transport)
- Commitments
  - Verifiable Identifiers (DIDs, etc.)
  - DID Documents
  - Anchored Data
- Encryption & Signing
  - KERI etc.
- Transport
  - TCP/IP
  - BT, NFC, 5G …

Enable rich multi-actor, time- and context-spanning systems.

Use and grow trust via self-contained and composable tasks, one relationship at a time.

Construct secure and private relationships.

Provide the primitives upon which trusted systems are built.
Meeting Time - TSWG

Every Alternate Monday
08:00 Pacific / 11:00 Eastern / 15:00 UTC

Tech Arch Task Force
Two meetings every Thursday
NA/EU — 07:00 Pacific / 10:00 Eastern / 14:00 UTC
APAC — 13:00 Pacific / 16:00 Eastern / 20:00 UTC

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Ongoing work items

- **Public Utility Directory:**
  - This is a list of all the active Layer 1 utilities which currently have representative members at ToIP
- **Public Identity Utilities for Digital Trust Ecosystems - Overview**
  - This document identifies the key differences and considerations between the core Layer 1 utilities for clients/customers looking to adopt a ToIP compatible SSI solution
  - Will now include a rubric
  - “Creating your own” has been moved to a future document.
New Year Update: Leadership changes - three new co-chairs

Jessica Townsend (Accenture)  Lynn Bendixsen (Indicio)  Alex Tweeddale (cheqd)
Meeting Time - UFWG

Every Alternate Tuesday
11:00 Pacific / 14:00 Eastern / 18:00 UTC

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Working Group Priorities

- Alignment of Dynamic Data Economy (DDE) models, concepts, and technologies with the more familiar Self-sovereign Identity (SSI) models.
  - Participating in Tech Arch TF
- Is there a separate Data perspective on the ToIP Model?
- Continued use case alignment:
  - KERI (Inputs domain) and OCA (Semantic domain) principles
  - Data Intermediaries (EU Data Gov. Act, MyData Operators, Data services/components)
- Next ISWG monthly meeting: Mar 27th @ 17.00 UTC

Blog Posts & Discussion Papers

- Draft: Data Intermediaries (use case)- Patient, Hospital, Researcher
Active Working Group and Task Forces

- **Privacy & Risk TF** [Chair: J. Lindquist / Vice-Chair: B. Serdar]
  - Processing a community list of *Privacy and Risk* topics with the flexibility to address current events in this space.
  - Next PRTF bi-weekly meeting: **March 21st @ 17.00 UTC**

- **Inputs & Semantics WG** [Chair: P. Knowles / Vice-Chair: N. Thomson]
  - In-depth discussions on structural and contextual integrity of digital objects and factual authenticity of logged events.
  - Next ISWG bi-weekly meeting: **March 22nd @ 17.00 UTC**

- **Notice & Consent TF** [Chair: M. Lizar / Vice-Chair: S. D'Agostino]
  - First draft of the Privacy Controller Credential specification for Decentralized Data Governance due in Q1
  - Next NCTF bi-weekly meeting: **March 17th @ 15.30 UTC**

- **Storage & Portability TF** [Chair: C. Fabianek / Vice-Chair(s): A. Smajic; J. Simmons]
  - Processing a community list of *Storage and Portability* topics with the flexibility to address current events in this space.
  - Next SPTF bi-weekly meeting: **March 28th @ 17.00 UTC**

**Task Force to be Reactivated**

- **Health Care TF** [Chair: P. Knowles / Vice-Chair: J. St Clair]
Meeting Times - ISWG

ISWG - Every Alternate xxx
XX:00 Pacific / xx:00 Eastern / xx:00 UTC

Task Force XXXX Every xx
XX:00 Pacific / xx:00 Eastern / xx:00 UTC

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Human Experience Working Group

Expert Series

- June: Arianna Rossi & Xengie Doan ‘How Might we Design Consent Experiences for Data Sharing?’

Resources and videos on ToIP Wiki and ToIP Youtube channel.

Please recommend speakers or subjects you want to hear about.

Bite-sized Deliverables:

- Video intro to HXWG by end April
- An Introduction to Building & Using Scenarios by end May
- Other deliverables under discussion in the group, we want to cross-pollinate within ToIP e.g. with Notice & Consent TF as consent experiences a topic of interest to many

Thank you to the Comms Committee, Judith & Elisa for helping us with promotion, outreach and getting our HX act together!
The Task Force Formerly Known As #SSI Harms is now

Balancing the Good, The Bad & The Ugly of SSI (BGBU)

- Will focus especially on harms and risks for excluded or marginalized communities / peoples
- What can be mitigated or exacerbated by using SSI?
- What is uniquely and newly created by SSI?

Deliverables: White Paper and practical tools/guidance for ToIP members
HXWG - Every Alternate Thursday
9:00 Pacific / 12:00 Eastern / 16:00 UTC
Next call is Thursday 24th March

Task Force BGBU
USA / EU / Africa Every Alternate Monday
9:00 Pacific / 12:00 Eastern / 16:00 UTC
Next call is Monday 28th March

Asia & Australasia Every Alternate Thursday
18:00 AEDT / 14:00 Indochina / 12.30 IST / 7:00 UTC
Next call is Thursday 17th March

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First generation ToIP Term Tool nearly complete
Four operational terms wikis and glossaries
  • ToIP Core
  • CTWG
  • GSWG
  • Yoma
• Close collaboration with eSSIF-Lab Glossary
  • Highly recommended mental models
eSSIF-Lab
Parties, Actors, and Actions Mental Model

https://essif-lab.github.io/framework/docs/terms/pattern-party-actor-action
• **Next Steps**
  
  • Complete “backfill” of ToIP Core and GSWG glossaries for all terms used in the GSWG deliverables
  
  • Prepare a terms wiki and glossary for the ToIP Technology Architecture Specification (TSWG)
  
  • Continue planning work for ToIP Term Tool V2
    
    • Terminology corpus curation tools
    
    • Document auto-markup tool (will add links and pop-up definitions for all defined terms)
Meeting Times - CTWG

Every Alternate Monday
10:00 Pacific / 13:00 Eastern / 17:00 UTC

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