

TRUST
Over IP
FOUNDATION

THE **LINUX** FOUNDATION

All Members Monthly Meeting

Working Group Updates

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

Antitrust Policy & Member Participation

- › 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

- Agenda Review (1 min)
- Welcome New Members (1 min)
- Foundation Wide Updates and Announcements (3 min)
- Working Group Updates
- Open Discussion

New Members Review

294 Organizations
125 Individuals

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



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,

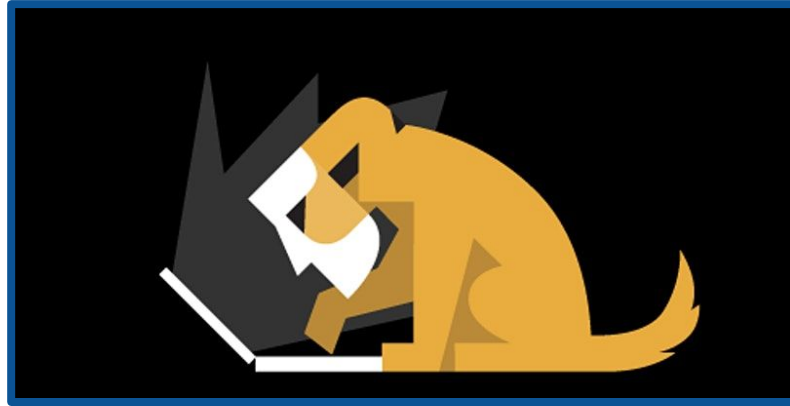
DID Conference Korea Recorded Event



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!

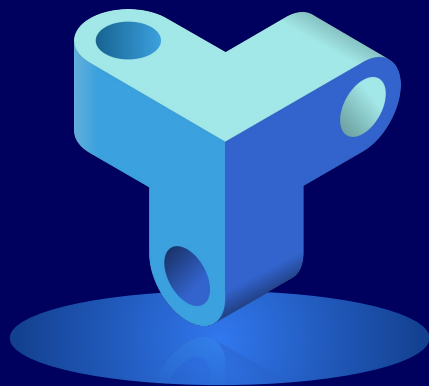
IIW runs on food! Some of the best interactions at IIW happen over a meal or at a break. Help from sponsors is what makes IIW continually successful.

To become a sponsor contact phil@windley.org




Working Group Updates


Ecosystem Foundry Working Group



New at the EFWG



TRUST Over IP FOUNDATION




Yoma Rules! Youth Agency & Empowerment through Digital Governance

Context

RADIO WITH PICTURES

By trustoverip | March 2, 2022 | Blog



Exploring why human trust should be an essential design element

Case Study:
Yoma,
NGO & Social Enterprise

Website:
<https://yoma.africa/>
<https://www.yoma.foundation/>

Industry:
Education, Social Services

Contact

Dashboard / Trust over IP Foundation / Ecosystem Foundry Working Group

Case Studies*

Created by Steve Magennis, last modified on Feb 11, 2022



Post Date: Feb 10, 2022
Name: Zero Trust Webcasting
Sponsor: IdRamp
Ecosystem Classification: Type II
Description: Zero Trust webcasting replicating the level of security found in a physical meeting
Industries: Horizontal

Case Studies

Blogs

Resource Directory

Learning Pathways

Dashboard / Trust over IP Foundation / Ecosystem Foundry Working Group

Resource Directory*

Created by Steve Magennis, last modified by Fabio Lecca on Feb 02, 2022

Trust Over IP attracts some of the most skilled teams and individuals in the world to tackle modern business challenges through portability, organizational interoperability and cryptography. Our community consists of technologists, futurists, engineers, lawyers, humanitarians and business leaders all focused on making human trust a first-class element.

- Systems Integrators
- Independent Software / Hardware Vendors
- Consultants
- Lawyers and Auditors
- Research Organizations

Systems Integrators

Organizations that have developed the skills and resources to help conceive, design implement and operate elements of a system.

Date Posted	Name	Contact	Quick Description
Jan 11, 2022	main incubator GmbH	Adrian Doerk, adrian.doerk@main-incubator.com	IDUnion
Jan 12, 2022	The Human Colossus Foundation	Paul Knowles (Semantic domain), paul.knowles@humancolossus.org Robert Mitwicki (Inputs domain), robert.mitwicki@humancolossus.org Philippe Page (Governance domain), philippe.page@humancolossus.org	Human Colossus and secure data creating an infrastructure that incorporates system components for usage and privacy in the digital world
Jan 12, 2022	AyanWorks Technology Solutions	Kalyan Kulkarni, kalyan@ayanworks.com , +91 7028909991	AyanWorks has Decentralized Identity Solutions

Dashboard / Trust over IP Foundation / Ecosystem Foundry Working Group

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Jan 12, 2022	AyanWorks Technology Solutions	Kalyan Kulkarni, kalyan@ayanworks.com , +91 7028909991	AyanWorks has Decentralized Identity Solutions

Ecosystem Classification Matrix

	Builder Tools & Services	User Tools & Services
Operational Business Models	<ul style="list-style-type: none">• ID Union• evernym• IBM• cheqd• Trinsic	<ul style="list-style-type: none">• Systems Integrators• Software / Hardware Vendors• Consultants• Legal and Auditing Firms• Research Organizations <ul style="list-style-type: none">• Good Health Pass• PWC - video conferencing• Gleif• Boniffi
Prospective Business Models	<ul style="list-style-type: none">• Who is building?• What are they building?• What is the business model?	<ul style="list-style-type: none">• Who is building?• What are they building?• What is the business model?

EFWG Presentation Series

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



14th April



Whitepaper - Biological Ecosystems

- 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

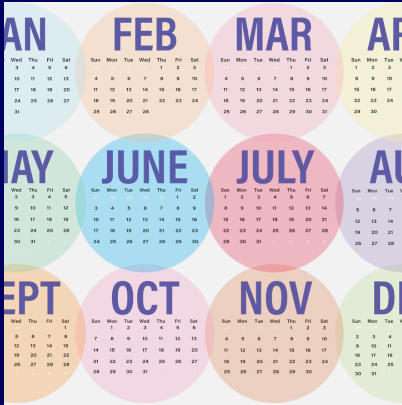
Every Alternate Thursday

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>

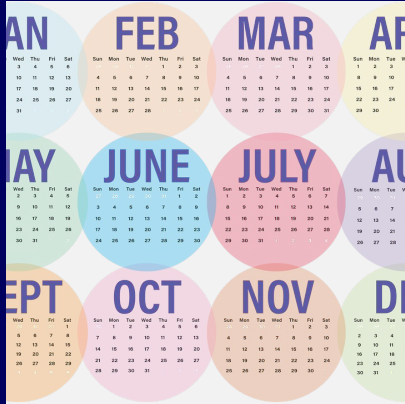


Governance Stack Working Group

- 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)

Governance Stack Working Group

- **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 the 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

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

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

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

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

DID₂

DIDComm

Construct secure and private **relationships**.

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

Provide the **primitives** upon which **trusted systems** are built.

Meeting Time -TSWGG

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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Utility Foundry Working Group

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.

Utility Foundry Working Group

New Year Update: Leadership changes - three new co-chairs



Jessica Townsend (Accenture)



Lynn Bendixsen (Indicio)

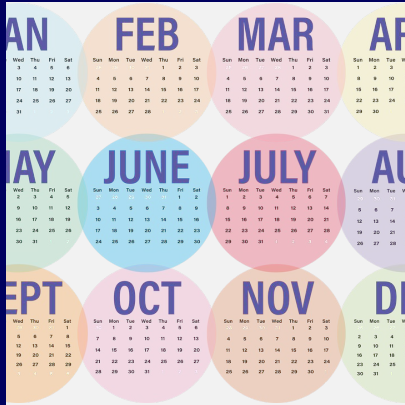


Alex Tweeddale (cheqd)

Meeting Time -UFWG

Every Alternate Tuesday

11:00 Pacific / 14:00 Eastern / 18:00 UTC



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Inputs & Semantics Working Group

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

Inputs & Semantics Working Group

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

- February: Lisa Talia-Moretti, Digital Sociologist, '*Dear Human, the Future Needs You*', *Practical Ethics*.
- March: Amber Case, HCI specialist, '*Calm Technology*', *designing for the next generation of devices*.
- 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!



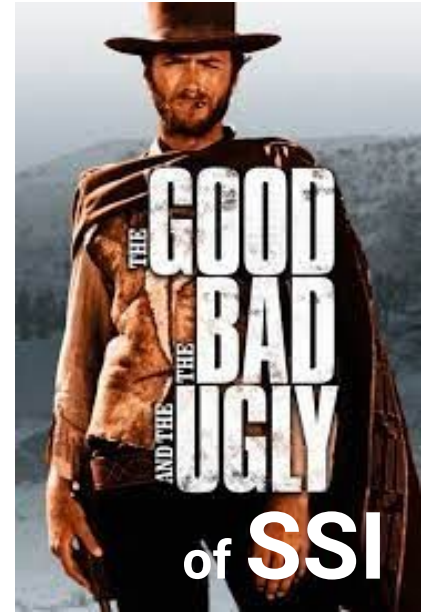
Human Experience Working Group

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



Meeting Times - HXWG



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*

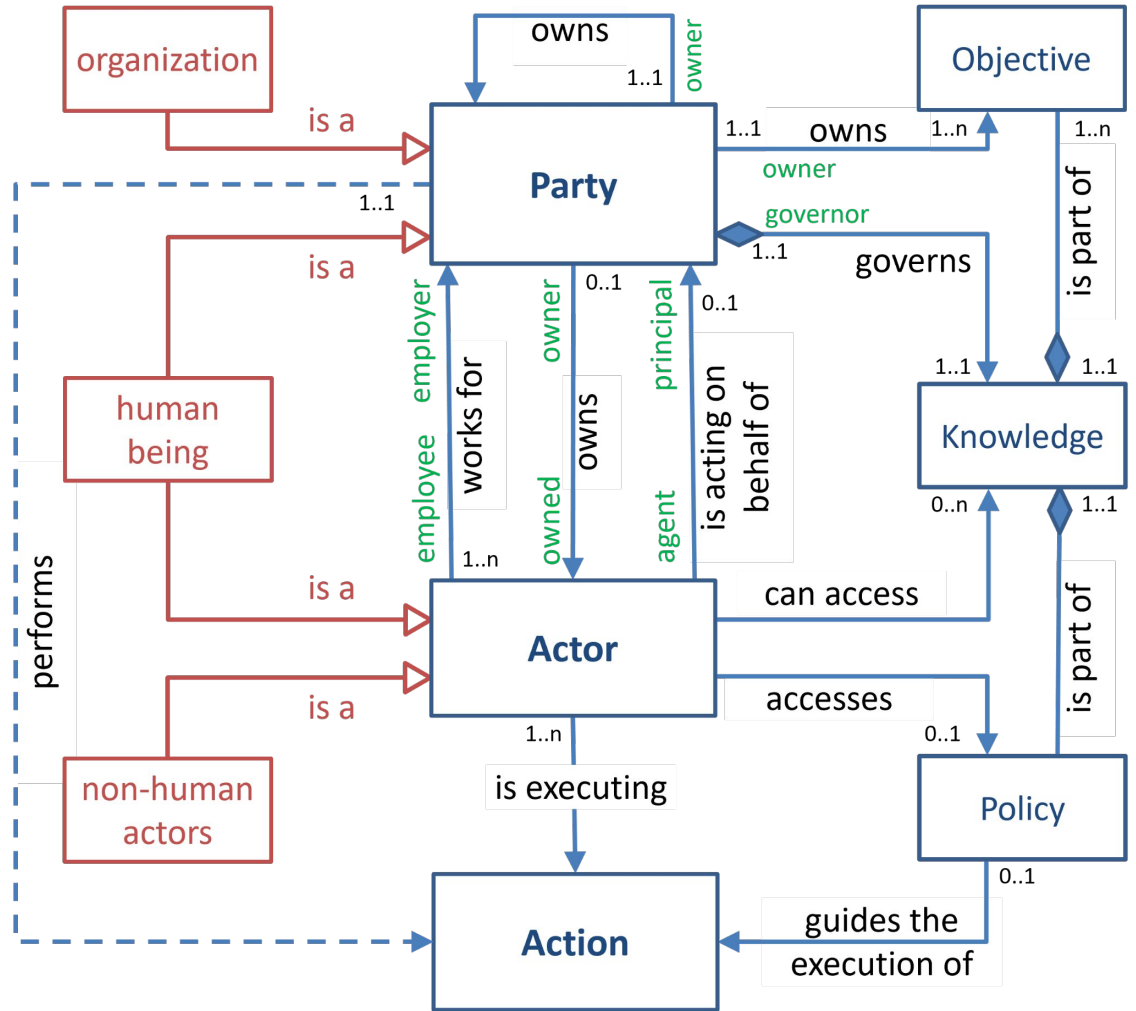
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Concepts & Terminology Working Group

- 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>



Concepts & Terminology Working Group

- Next Steps
 - Complete “backfill” of ToIP Core and GSWG glossaries for all terms used 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

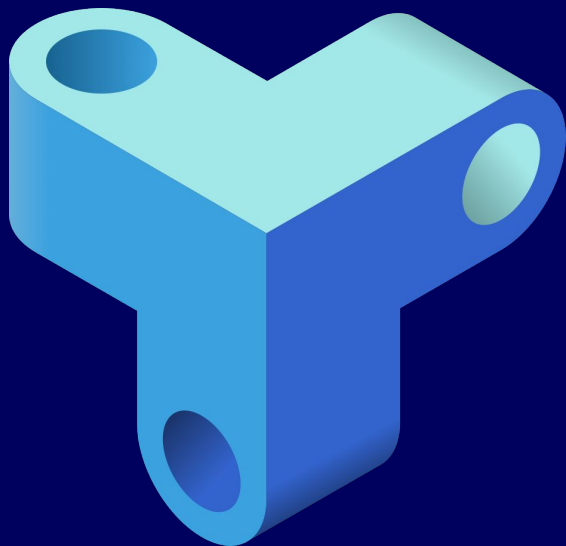
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Open Discussion



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