



**TRUST**  
Over **IP**  
FOUNDATION

# Semantic Domain (*ISWG-S*) Weekly Meeting

10 August 2021

 THE **LINUX** FOUNDATION

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- › 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

- › 1. Welcome (Paul—2.5 mins)
- › 2. Newcomer Introductions (Paul—2.5 mins)
- › 3. Current scope: Inputs and Semantics Working Group (Paul—10 mins)
  - › a. Message from Judith Fleenor
  - › b. Response from Paul Knowles
- › 4. New scope: Inputs and Semantics Working Group (Paul—30 mins)
  - › a. Step 1: Executive summaries (Steven)
  - › b. Step 2: Position papers (Neil)
- › 5. Logistics and miscellaneous (Paul—5 mins)
  - › a. News from the Operations Team
  - › b. Leadership positions
  - › c. Meeting schedule

# Current scope: Inputs and Semantics Working Group

The mission of the Inputs and Semantics Working Group (ISWG) is to define a decentralized key management infrastructure (*Inputs domain*) and data capture architecture (*Semantic domain*) for Internet-scale deployment.

The scope of the ISWG is **to define specifications and best practices** that bring cohesion to data entry (aka *Inputs*) and data capture (aka *Semantic*) processes and standards throughout the ToIP stack whether these standards are hosted at the Linux Foundation or external to it.

<https://wiki.trustoverip.org/display/HOME/Inputs+and+Semantics+Working+Group>

## Inputs and Semantics Working Group

Created by Drummond Reed, last modified by Paul Knowles on Apr 25, 2021

- Introduction
- Scope
- Meetings
- Deliverables
- Chairs / Leads
- How to join
- Participation
- Intellectual Property Rights (Copyright, Patent, Source Code)

### Introduction

The Inputs and Semantics Working Group (ISWG) supports a practical approach to further enable the adoption of the Trust over IP dual-stack architecture by bringing a balanced view of decentralized network paradigms to the overall mission of Internet-scale digital trust. All data inputs operated on by any process or system must be authentic with deterministic semantic objects providing meaning and context at the time of capture.

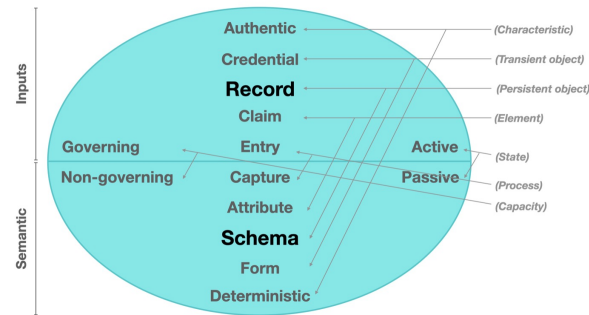


Figure 1. Model of Identifier States. A component diagram showing the inputs and semantic counterparts of a balanced network model

## Message from Judith Fleenor

*“I’m working on outline of content for a “Get Involved” page on our new website. There is another page about working groups, this is a page for people thinking of joining to see what types of things you are working on. So one/two sentences about the working group and then What a person might work on in that working group.*

*Here is a sample of what I did for the Governance Stack Working Group:*

### **Governance Stack Working Group**

*The Governance Stack Working Group defines models and interoperability standards for governance frameworks that enable business, legal, and social trust between entities implementing the Trust over IP architecture stack.*

### **Work on things like:**

*Risk Assessment Templates and Guide, Governance Metamodel Specification and Guide, Trust Assurance and Certification Control Document Templates and Guide, Trust Criteria Matrix Template and Guide and the ToIP Governance Architecture Specification.”*

## Response from Paul Knowles

*“There have been a number of internal discussions about revamping the scope of the Inputs and Semantics WG. The general consensus is that the whole group will move towards producing position papers on some of the granular topics within their areas of expertise.*

*I've set up an ad-hoc meeting on Monday to get all of the current (and pipeline) ISWG DG/TF/FG chairs and vice-chairs on a call so that we can unite on the proposed scope revamp. This gives us the perfect opportunity to change lanes!*

*On Monday's call, we will discuss how to best approach all upcoming DG/TF/FG calls under the ISWG umbrella to come up with a clear and cohesive plan of action for **delivering focused position papers**.*

*I should have some vetted sentences over to you by next Tuesday at the latest.”*

## New scope: Inputs and Semantics Working Group

### Inputs and Semantics Working Group

*The Inputs and Semantics Working Group brings diverse minds and opinions together to develop a decentralized key management infrastructure (Inputs domain) and data capture architecture (Semantic domain) for Internet-scale deployment **through a series of position papers** that bring cohesion to data entry and data capture processes and standards throughout the Trust over IP stack.*

**Work on things like:**

## Step 1: Executive summaries

- › Executive summaries
  - › Strong and clear scope statement
  - › Wacky ideas are fine!
  - › Key executive summary topics should be driven by the various groups
    - › Inputs Domain Group (ISWG-I)
    - › Semantic Domain Group (ISWG-S)
    - › Notice & Consent Task Force (NCTF)
    - › Privacy & Risk Task Force (PRTF)
    - › Storage & Portability Task Force (SPTF)
    - › Health Care Task Force (HCTF) => *FHIR Focus Group*
- 18 Executive summaries to be passed to the ISWG leadership team!!!



## Step 2: Position papers

2 to 3 page essays

- What is the current problem?
- How can the problem be resolved

- › Executive summaries to be redistributed to the ISWG members
- › Earmark a suitable home for the position paper (i.e., the most suitable Domain Group, Task Force, or Focus Group)
- › Interested members can then join the earmarked DG, TF, or FG calls for drafting purposes
- › Drafting to be led by a DG, TF, or FG leader
- › Approval by ISWG leadership following a period of review
- › Position paper to be sent to the ToIP White Paper TF for approval

# Logistics and miscellaneous (5 mins)

<https://wiki.trustoverip.org/display/HOME/2021-08-10+Meeting>



# Closing Q & A

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