



TRUST
Over **IP**
FOUNDATION

Semantic Domain *(ISWG-S)* Weekly Meeting

6 April 2021

 THE **LINUX** FOUNDATION

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

- › 1. Welcome (Paul—2.5 mins)
- › 2. Newcomer Introductions (Paul—2.5 mins)
- › 3. Task Force Updates (WG—5 mins)
- › 4. Proposed OCA attribute name syntax (Paul—10 mins)
- › 5. Update: Good Health Pass WG / Standard Data Models and Elements DG (Paul—10 mins)
- › 6. Update: COVID-19 test, vaccination, and recovery reports and certificates (Paul—10 mins)
- › 7. Update: MMM white paper (Neil/Paul—10 mins)
- › 8. Logistics and miscellaneous (Paul—5 mins)
 - › a. News from the Operations Team
 - › b. Leadership positions
 - › c. Meeting schedule

Newcomer Introductions

(30 seconds!)

1. Name
2. Location / time zone
3. Affiliation(s)
4. One-sentence summary of your interest in Semantics (or **one particular semantics-related** issue you personally want to see solved)

Task Force/Focus Group Updates

(5 mins)

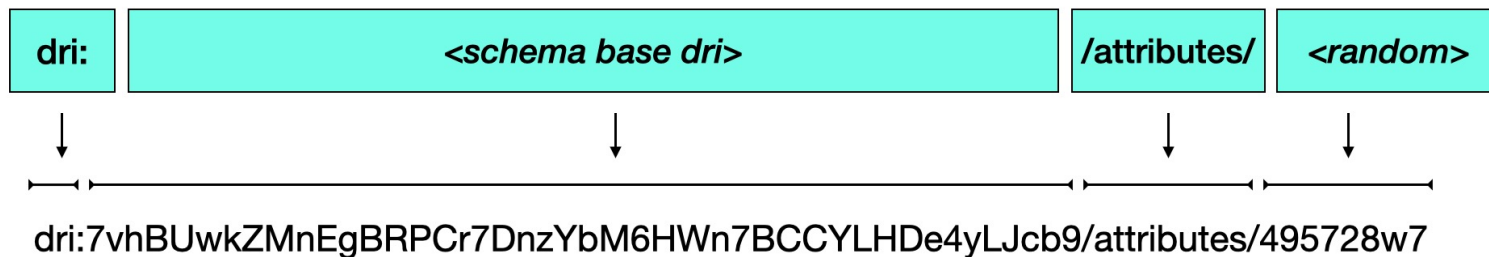
- Medical Information TF (Scott)
- ✓ FHIR FG (John/Mukund)
- Notice & Consent TF (Mark)
- Privacy & Risk TF (Jan)
- Storage & Portability TF (Christoph)

Proposed OCA attribute name syntax (10 mins)

Presented by: P.Knowles

Zoom discussion from Inputs Domain call on March 31 ...
https://zoom.us/rec/share/8htYxWiH8egmuozRacu6uNqr-zuJyq9IEu8xluw6Z7m3wV7k_KJ--jUi6T3cgRpB.P6bxKa18cv72m-Ne

Proposed OCA attribute name syntax



Zoom discussion from Inputs call on March 31st:

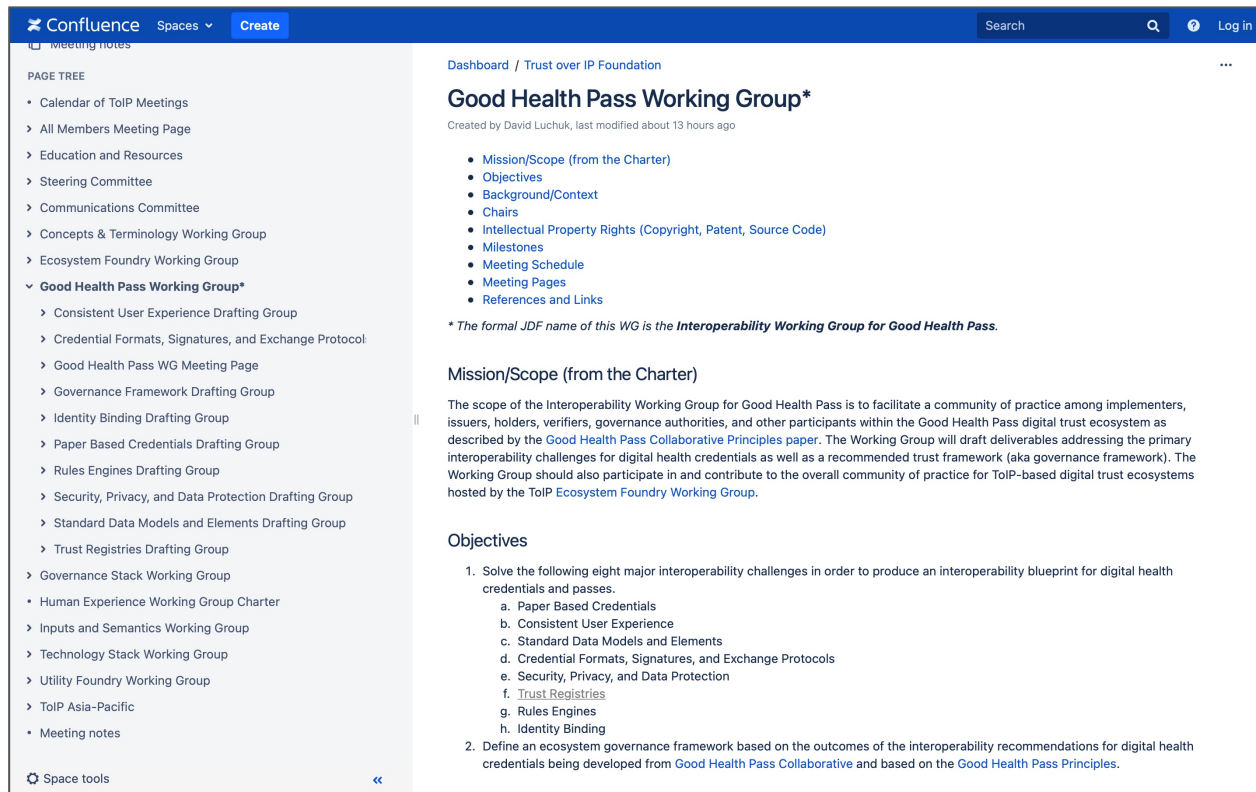
https://zoom.us/rec/share/8htYxWiH8egmuozRacu6uNqr-zuJyq9IEu8xluw6Z7m3wV7k_KJ--jUi6T3cgRpB.P6bxKa18cv72m-Ne

Update: Good Health Pass WG / Standard Data Models and Elements DG (10 mins)

Presented by: P.Knowles

Ref.: <https://wiki.trustoverip.org/pages/viewpage.action?pageId=73790>

New Working Group: Good Health Pass WG



The screenshot shows a Confluence page titled "Good Health Pass Working Group*" under the "Trust over IP Foundation" space. The page includes a navigation sidebar on the left with a "PAGE TREE" listing various working groups, with "Good Health Pass Working Group*" selected. The main content area features a breadcrumb "Dashboard / Trust over IP Foundation", the page title, and creation metadata. A table of contents lists sections like "Mission/Scope", "Objectives", "Background/Context", "Chairs", "Intellectual Property Rights", "Milestones", "Meeting Schedule", "Meeting Pages", and "References and Links". A note states that the formal JDF name is the "Interoperability Working Group for Good Health Pass". The "Mission/Scope" section explains the group's purpose in facilitating a community of practice for digital health trust ecosystems. The "Objectives" section lists two main goals: solving interoperability challenges and defining a governance framework.

Confluence Spaces **Create** Search **Log in**

meeting notes

PAGE TREE

- Calendar of ToIP Meetings
- > All Members Meeting Page
- > Education and Resources
- > Steering Committee
- > Communications Committee
- > Concepts & Terminology Working Group
- > Ecosystem Foundry Working Group
- ▼ **Good Health Pass Working Group***
 - > Consistent User Experience Drafting Group
 - > Credential Formats, Signatures, and Exchange Protocol
 - > Good Health Pass WG Meeting Page
 - > Governance Framework Drafting Group
 - > Identity Binding Drafting Group
 - > Paper Based Credentials Drafting Group
 - > Rules Engines Drafting Group
 - > Security, Privacy, and Data Protection Drafting Group
 - > Standard Data Models and Elements Drafting Group
 - > Trust Registries Drafting Group
- > Governance Stack Working Group
- Human Experience Working Group Charter
- > Inputs and Semantics Working Group
- > Technology Stack Working Group
- > Utility Foundry Working Group
- > ToIP Asia-Pacific
- Meeting notes

Space tools <<

Dashboard / Trust over IP Foundation

Good Health Pass Working Group*

Created by David Luchuk, last modified about 13 hours ago

- [Mission/Scope \(from the Charter\)](#)
- [Objectives](#)
- [Background/Context](#)
- [Chairs](#)
- [Intellectual Property Rights \(Copyright, Patent, Source Code\)](#)
- [Milestones](#)
- [Meeting Schedule](#)
- [Meeting Pages](#)
- [References and Links](#)

* The formal JDF name of this WG is the **Interoperability Working Group for Good Health Pass**.

Mission/Scope (from the Charter)

The scope of the Interoperability Working Group for Good Health Pass is to facilitate a community of practice among implementers, issuers, holders, verifiers, governance authorities, and other participants within the Good Health Pass digital trust ecosystem as described by the [Good Health Pass Collaborative Principles paper](#). The Working Group will draft deliverables addressing the primary interoperability challenges for digital health credentials as well as a recommended trust framework (aka governance framework). The Working Group should also participate in and contribute to the overall community of practice for ToIP-based digital trust ecosystems hosted by the [ToIP Ecosystem Foundry Working Group](#).

Objectives

1. Solve the following eight major interoperability challenges in order to produce an interoperability blueprint for digital health credentials and passes.
 - a. Paper Based Credentials
 - b. Consistent User Experience
 - c. Standard Data Models and Elements
 - d. Credential Formats, Signatures, and Exchange Protocols
 - e. Security, Privacy, and Data Protection
 - f. [Trust Registries](#)
 - g. Rules Engines
 - h. Identity Binding
2. Define an ecosystem governance framework based on the outcomes of the interoperability recommendations for digital health credentials being developed from [Good Health Pass Collaborative](#) and based on the [Good Health Pass Principles](#).

New Working Group: Good Health Pass WG

---- Good Health Pass WG

----- *Data Principles + Framing Narrative DG*

----- *Consistent User Experience DG*

----- *Paper-Based Credentials DG*

----- *Standard Data Models and Elements DG* (Semantic Domain Group (ISWG-S) / #iswg-health-care-tf / #iswg-fhir-fg)

----- *Credential Formats, Signatures, and Exchange Protocols DG* (#iswg-storage-and-portability-tf)

----- *Security, Privacy, and Data Protection DG* (#iswg-privacy-and-risk-tf)

----- *Trust Registries DG*

----- *Rules Engines DG* (#iswg-notice-and-consent-tf)

----- *Identity Binding DG* (Inputs Domain Group (ISWG-I))

Update: Good Health Pass WG / Standard Data Models and Elements DG

Standard Data Models and Elements Drafting Group

Created by David Luchuk, last modified by Paul Knowles 22 minutes ago

Objective

Good Health Pass compliant implementations must collect, process, and transmit a standard set of data elements.

Terms of Reference

As with passports and payment cards, fully interoperable digital health pass systems need a **common data model**, specifying standard data elements and supported by specific **data schemas** in specific implementations. Work in this area is currently ongoing across several cross-industry efforts.

One such effort is the Linux Foundation Public Health (LFPH) COVID-19 Credentials Initiative (CCI), which has established a task force to develop **schema specifications, Codes of Practice, technical guidelines, JavaScript Object Notation (JSON) code**, and related components. This includes the [eHealth Network's Vaccination Proof Interoperability Guidelines](#).

The CCI task force is also seeking to collaborate with others in this space, including the [CDC](#), the [W3C Credentials Community Group](#), the EU vaccination group, C4 Credentials, [IATA](#), [ICAO](#), public health authorities, private health vendors and consortiums, electronic health record (EHR) providers, the [UK National Health Service](#), pharma companies, major pharmacy chains (US), the FHIR Focus Group at the [ToIP Foundation](#), and the [Vaccination Credentials Initiative \(VCI\)](#).

One example of a data model that enables efficient information exchange across diverse public and private organizations is the U.S. National Information Exchange Model (NIEM). NIEM provides [rules and methodologies](#) around the use of the model as well as a standardized [Information Exchange Development Lifecycle](#) that can be reused by everyone. NIEM also offers [governance, training, tools](#), technical assistance, and an [engaged community](#) to support users and organizations in adopting NIEM.

To emphasize, this is just one example of the kind of approach that the Good Health Pass Collaborative could take to accommodate data requirements of different countries and jurisdictions around the world.

Responsibilities and Deliverables

Key Interoperability Questions (from [GHPC Blueprint Outline v2](#))

1. What are the minimal **required** elements for Good Health Pass schemas?
2. What are the **optional**, country-specific elements for Good Health Pass schemas?
3. Is there a data model that will enable both interoperability and adaptability of data elements to different implementations, jurisdictions, and governance authorities?
4. How does the data model support identity binding (e.g., describing levels of assurance)? (See Challenge #8)

Chairs/Conveners

- Co-Chair: Brian Plew (Thermo Fisher)
- Co-Chair: Paul Knowles (Human Colossus Foundation)
- Project Manager: Rebecca Distler (ID2020)

Meeting every Tuesday
12 PM PT / 9 PM CET

COVID-19 Test Report

Schema Base [SB]	SB: Description	SB: Classification	SB: Attribute Name	SB: Attribute Type	SB: Blinding Identity	Format Overlay	Label Overlay	Label Overlay	Label Overlay
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	testEvent	Text			en-GB Personal/Operational Test event ID	de-DE Persönliche/betriebliche Testereignis-ID	fr-FR Personnel/Opérationne test lié
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	linkedTestEvent	Text			Personal/Operational Linked test event ID	Persönliche/betriebliche Verknüpfte Testereignis-ID	Personnel/Opérationne test lié
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	uniqueNumericID	Text	Y		Personal/Operational Unique Numeric Identifier (UNID)	Persönliche/betriebliche eindeutige numerische Kennung (UNID)	Personnel/Opérationne numérique unique (UN)
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	recipient	Text	Y		Person identification Person identifier	Personenidentifikation Personenidentifikation	Identification de la pers personne
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	givenName	Text	Y		Person identification Person name First name	Personenidentifikation Personenname Vorname	Identification de la pers personne Prénom
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	middleName	Text	Y		Person identification Person name Middle name(s)	Personenidentifikation Personenname Zweiter Vorname(n)	Identification de la pers personne deuxième pré nom
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	familyName	Text	Y		Person identification Person name Last name	Personenidentifikation Personenname Nachname	Identification de la pers personne Nom de famil
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	birthDate	Date	Y	YYYY-MM-DD	Person identification Person date of birth	Personenidentifikation Geburtsdatum der Person	Identification de la pers naissance de la person
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	gender	Text			Person identification Sex	Personenidentifikation Geschlecht	Identification de la pers
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	dateOfSample	Date		YYYY-MM-DDThh:mm:ssZ	Test information Date and time of the test sample collection	Testinformationen Datum und Uhrzeit der Testprobenentnahme	Informations sur le test collecte de l'échantillon
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	testCommercialName	Text		JRC COVID-19 In Vitro Diagnostic Devices and Test Methods Database	Test information Test commercial name	Testinformationen Handelsname testen	Informations sur le test test
COVID-19 Test Report	A schema to be used for COVID-19 test reporting for basic interoperability	GICS:35102020	testManufacturer	Text		JRC COVID-19 In Vitro Diagnostic Devices and Test Methods Database	Test information Test manufacturer	Testinformationen Testhersteller	Informations sur le test

COVID-19 Test Certificate

COVID-19 Test Certificate	A schema to be used for proof of COVID-19 test for basic interoperability	GICS:35102020	associatedReportID	Text		DRI	Personal/Operational Associated Test Report ID	Persönliche/betriebliche zugeordnete Testbericht-ID	Personnel/Opérationne associé
COVID-19 Test Certificate	A schema to be used for proof of COVID-19 test for basic interoperability	GICS:35102020	uniqueNumericalDHash	Text	Y	DRI	Personal/Operational Hash of Unique Numeric Identifier (UNID)	Persönliche/betriebliche Hash der eindeutigen numerischen Kennung (UNID)	Personnel/Opérationne numérique unique (UNID)
COVID-19 Test Certificate	A schema to be used for proof of COVID-19 test for basic interoperability	GICS:35102020	disease	Text		ICD-10	Test information Disease or agent targeted Classification of Disease	Testinformationen Krankheit oder Erreger Klassifizierung der Krankheit	Informations sur le test ciblé Classification de la
COVID-19 Test Certificate	A schema to be used for proof of COVID-19 test for basic interoperability	GICS:35102020	testDescription	Text		SNOMED CT	Test information Test SNOMED CT Identifier	Testinformationen Test SNOMED CT-Kennung	Informations sur le test SNOMED CT
COVID-19 Test Certificate	A schema to be used for proof of COVID-19 test for basic interoperability	GICS:35102020	testType	Text		LOINC	Test information Test Test type	Testinformationen Test Testtyp	Informations sur le test

EU

US

Canada

UAE

+

COVID-19 Vaccination Report

COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	vaccineEvent	Text			Personal/Operational Vaccination event ID	Persönliche/betriebliche Impfereignis-ID	Personnel/Opérationnel vaccination
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	linkedVaccineEvent	Text			Personal/Operational Linked vaccination event ID	Persönliche/betriebliche Verknüpfte Impfereignis-ID	Personnel/Opérationnel vaccination lié
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	uniqueNumericID	Text	Y		Personal/Operational Unique Numeric Identifier (UNID)	Persönliche/betriebliche eindeutige numerische Kennung (UNID)	Personnel/Opérationnel numérique unique (UNID)
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	recipient	Text	Y		Person identification Person identifier	Personenidentifikation Personenidentifikation	Identification de la personne
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	givenName	Text	Y		Person identification Person name First name	Personenidentifikation Personenname Vorname	Identification de la personne Prénom
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	middleName	Text	Y		Person identification Person name Middle name(s)	Personenidentifikation Personenname Zweiter Vorname(n)	Identification de la personne deuxième prénom
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	familyName	Text	Y		Person identification Person name Last name	Personenidentifikation Personenname Nachname	Identification de la personne Nom de famille
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	birthDate	Date	Y	YYYY-MM-DD	Person identification Person date of birth	Personenidentifikation Geburtsdatum	Identification de la personne naissance de la personne
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	gender	Text			Person identification Sex	Personenidentifikation Geschlecht	Identification de la personne sexe
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	dateOfVaccination	Date		YYYY-MM-DD	Vaccination/prophylaxis information Date of vaccination	Informationen zur Impfung/Prophylaxe Datum der Impfung	Informations sur la vaccination/prophylaxe
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	medicinalProductName	Text			Vaccination/prophylaxis information Vaccine medicinal product	Informationen zur Impfung/Prophylaxe Impfstoff-Arzneimittel	Informations sur la vaccination/prophylaxe
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	marketingAuthorizationHolder	Text			Vaccination/prophylaxis information Marketing Authorisation Holder	Informationen zur Impfung/Prophylaxe Inhaber einer Genehmigung für das Inverkehrbringen	Informations sur la vaccination/prophylaxe l'autorisation du service
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	batchNumber	Text			Vaccination/prophylaxis information Batch/lot number	Informationen zur Impfung/Prophylaxe Chargen-/Chargennummer	Informations sur la vaccination/prophylaxe
COVID-19 Vaccination Report	A schema to be used for COVID-19 vaccination reporting for basic interoperability	GICS:35102020	nextVaccinationDate	Date		YYYY-MM-DD	Vaccination/prophylaxis information Next vaccination date	Informationen zur Impfung/Prophylaxe Nächstes Impfdatum	Informations sur la vaccination/prophylaxe

COVID-19 Vaccination Certificate

COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	associatedReportID	Text		DRI	Personal/Operational Associated Vaccination Report ID	Persönliche/betriebliche ID des zugehörigen Impfberichts	Personnel/Opérationnel de vaccination associé
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	uniqueNumericDHash	Text	Y	DRI	Personal/Operational Hash of Unique Numeric Identifier (UNID)	Persönliche/betriebliche Hash der eindeutigen numerischen Kennung (UNID)	Personnel/Opérationnel numérique unique (UNID)
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	disease	Text		ICD-10	Vaccination/prophylaxis information Disease or agent targeted Classification of Disease	Informationen zur Impfung/Prophylaxe Krankheit oder Erreger Klassifizierung der Krankheit	Informations sur la vaccination/prophylaxie cible Classification des
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	vaccineDescription	Text		SNOMED CT	Vaccination/prophylaxis information Vaccine/prophylaxis SNOMED CT Identifier	Informationen zur Impfung/Prophylaxe Impfstoff/Prophylaxe SNOMED CT-Kennung	Informations sur la vaccination/prophylaxie tificateur SNOMED CT
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	vaccineType	Text		ATC Classification (J07BX03)	Vaccination/prophylaxis information Vaccine/prophylaxis Vaccine type	Informationen zur Impfung/Prophylaxe Impfstoff/Prophylaxe Impfstoffart	Informations sur la vaccination/prophylaxie de vaccin
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	certificateIssuer	Text			Certificate metadata Certificate issuer	Zertifikatsmetadaten Zertifikatsaussteller	Métadonnées du certifi
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	certificateNumber	Text			Certificate metadata Certificate Identifier	Zertifikat-Metadaten Zertifikat-ID	Métadonnées du certifi
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	certificateValidFrom	Date		YYYY-MM-DD	Certificate metadata Certificate valid from	Zertifikatsmetadaten Zertifikat gültig ab	Métadonnées du certifi
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	certificateValidTo	Date		YYYY-MM-DD	Certificate metadata Certificate valid until	Zertifikatsmetadaten Zertifikat gültig bis	Métadonnées du certifi
COVID-19 Vaccination Certificate	A schema to be used for proof of COVID-19 vaccination for basic interoperability	GICS:35102020	formVersion	Text		Semantic versioning 2.0.0	Certificate metadata Certificate schema version	Zertifikat-Metadaten Version des Zertifikatschemas	Métadonnées du certifi

COVID-19 Recovery Certificate

COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	associatedReportID	Text		DRI	Personal/Operational Associated Test Report ID	Persönliche/betriebliche zugeordnete Testbericht-ID	Personnel/Opérationnel associé
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	uniqueNumericDHash	Text	Y	DRI	Personal/Operational Hash of Unique Numeric Identifier (UNID)	Persönliche/betriebliche Hash der eindeutigen numerischen Kennung (UNID)	Personnel/Opérationnel numérique unique (UNID)
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	disease	Text		ICD-10	Information about past infection Disease or agent Classification of Disease	Informationen über frühere Infektionen Krankheit oder Erreger Klassifizierung der Krankheit	Informations sur l'infection Classification de
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	dateOfFirstPositiveResult	Text		YYYY-MM-DD	Information about past infection Date of first positive test result	Informationen über frühere Infektionen Datum des ersten positiven Testergebnisses	Informations sur l'infection premier résultat de test
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	countryOfTest	Text		ISO 3166-1 alpha-2	Information about past infection Country where the test was performed	Informationen über frühere Infektionen Land, in dem der Test durchgeführt wurde	Informations sur l'infection test a été effectué
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	certificateIssuer	Text			Certificate metadata Certificate issuer	Zertifikatsmetadaten Zertifikatsaussteller	Métadonnées du certificat
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	certificateNumber	Text			Certificate metadata Certificate Identifier	Zertifikat-Metadaten Zertifikat-ID	Métadonnées du certificat
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	certificateValidFrom	Date		YYYY-MM-DD	Certificate metadata Certificate valid from	Zertifikatsmetadaten Zertifikat gültig ab	Métadonnées du certificat
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	certificateValidTo	Date		YYYY-MM-DD	Certificate metadata Certificate valid until	Zertifikatsmetadaten Zertifikat gültig bis	Métadonnées du certificat jusqu'au
COVID-19 Recovery Certificate	A schema to be used for proof of COVID-19 recovery for basic interoperability	GICS:35102020	formVersion	Text		Semantic versioning 2.0.0	Certificate metadata Certificate schema version	Zertifikat-Metadaten Version des Zertifikatschemas	Métadonnées du certificat

Update: MMM white paper (10 mins)

Presented by: N.Thomson/P.Knowles

https://docs.google.com/document/d/11rDi_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmom7f5VA/edit

Master Mouse Model (MMM) white paper

ISWG white paper proposal (draft)

Ref.:

https://docs.google.com/document/d/11irDi_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmm7f5VA/edit

Master Mouse Model:

A template framework for an open data network

[Inputs and Semantics WG, Trust over IP]

The open data network we propose has to allow digital services to exchange personal data on demand of their users. Following the Separation of Powers Principle (SPP), data transfers require users' permissions through their Personal Data Operators, which never see or access transferred data but rather act as a switch for the transfer. Permissions and transfer work on two separate layers.

Overview

The Master Mouse Model (MMM) is a model architecture representing any economic actor in a dynamic data economy. In a citizen-centric ecosystem, *purpose-based service providers*, *data governance authorities*, and *insights-based service providers* provide a template framework for an open data network.

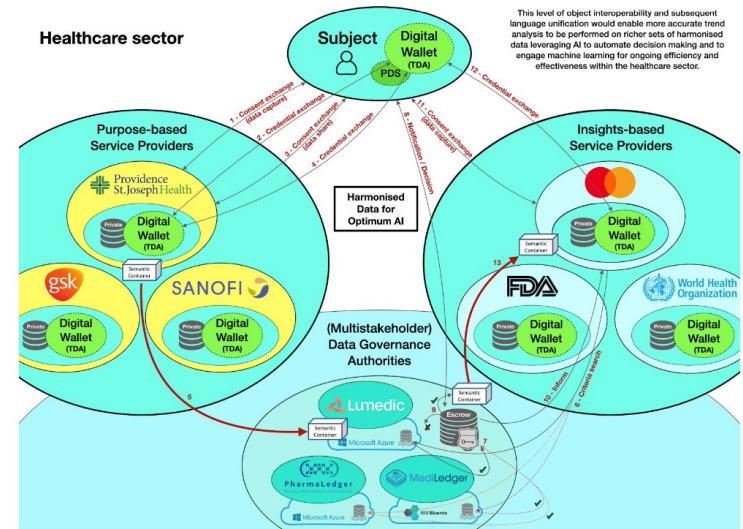


Figure 1: Master Mouse Model, a template framework for an open data network

Logistics and miscellaneous (5 mins)

<https://wiki.trustoverip.org/display/HOME/2021-03-30+Meeting>

News from the Operations Team

Nick Hayfack

(Inputs and Semantics WG representative on the ToIP Operations Team)

The purpose of the Operations Team is to create a small group of ToIP members who will share information on the workplans of our WGs, help ensure that draft deliverables are advancing as intended through the stages of the ToIP workflow, resolve any bottlenecks that arise around decision-making/approvals and discuss issues such as (for example) introducing firmer parameters for the creation of Taskforces under all WGs.

The Operations Team will not be directing or otherwise interfering with the development of content and deliverables in the WGs themselves.

ISWG Leadership positions

- › Inputs Group Chair
 - › **Robert Mitwicky**
- › Inputs Group Vice-chair
 - › **Sam Smith**
- › Semantics Group Chair
 - › **Paul Knowles** (*ISWG Lead*)
- › Semantics Group Vice-chair
 - › **John Wunderlich**
- › Volunteer via the meeting page at ...
 - › <https://wiki.trustoverip.org/display/HOME/2021-04-06+Meeting>

Meeting schedule

Inputs Domain Group weekly meeting

- › Wednesday, **April 7th** @ 09:00 US PT / 18.00 CET
- › Zoom link: <https://zoom.us/j/93406719136?pwd=SUozZHBQM0N5TUhYMhJqL0ZQM3I3Zz>
- › **FHIR FG** bi-weekly meeting
 - › Thursday, **April 8th** @ 08:00 US PT / 17.00 CET
 - › Zoom link: <https://zoom.us/j/93406719136?pwd=SUozZHBQM0N5TUhYMhJqL0ZQM3I3Zz09>
- › **Storage & Portability TF** bi-weekly meeting
 - › Monday, **April 12th** @ 09:00 US PT / 18.00 CET
 - › Zoom link: <https://zoom.us/j/96177500988?pwd=cDVNS2JzN1YxYXhiUVprWIM0OGQxQT09>
- › **Semantic Domain Group** weekly meeting
 - › Tuesday, **April 13th** @ 09:00 US PT / 18.00 CET
 - › Zoom link: <https://zoom.us/j/93406719136?pwd=SUozZHBQM0N5TUhYMhJqL0ZQM3I3Zz>



Closing Q & A

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