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Over **IP**  
FOUNDATION

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

9 March 2021

 THE **LINUX** FOUNDATION

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- › If you or your employer are not a member, we ask that you not participate in meetings by verbal contribution or otherwise take any action beyond observing.

# Agenda

- › 1. Welcome (Paul—2.5 mins)
- › 2. Newcomer Introductions (Paul—2.5 mins)
- › 3. Task Force Updates (WG—5 mins)
- › 4. Update: MMM white paper (Neil/Paul—10 mins)
- › 5. MMM pilot roadmap (Paul—10 mins)
- › 6. Tech video: Dynamic Data Sharing Hub (Paul—10 mins)
- › 7. 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)

# Update: MMM white paper (10 mins)

Presented by: N.Thomson/P.Knowles

[https://docs.google.com/document/d/11rDi\\_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmom7f5VA/edit](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](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.

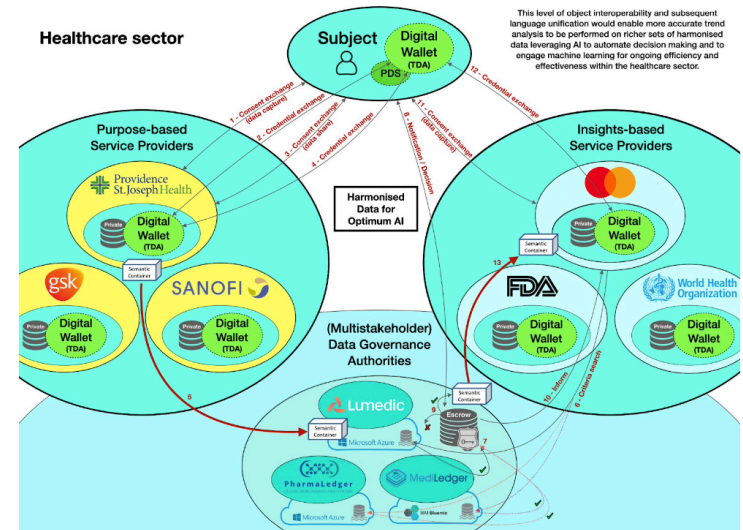


Figure 1: Master Mouse Model, a template framework for an open data network

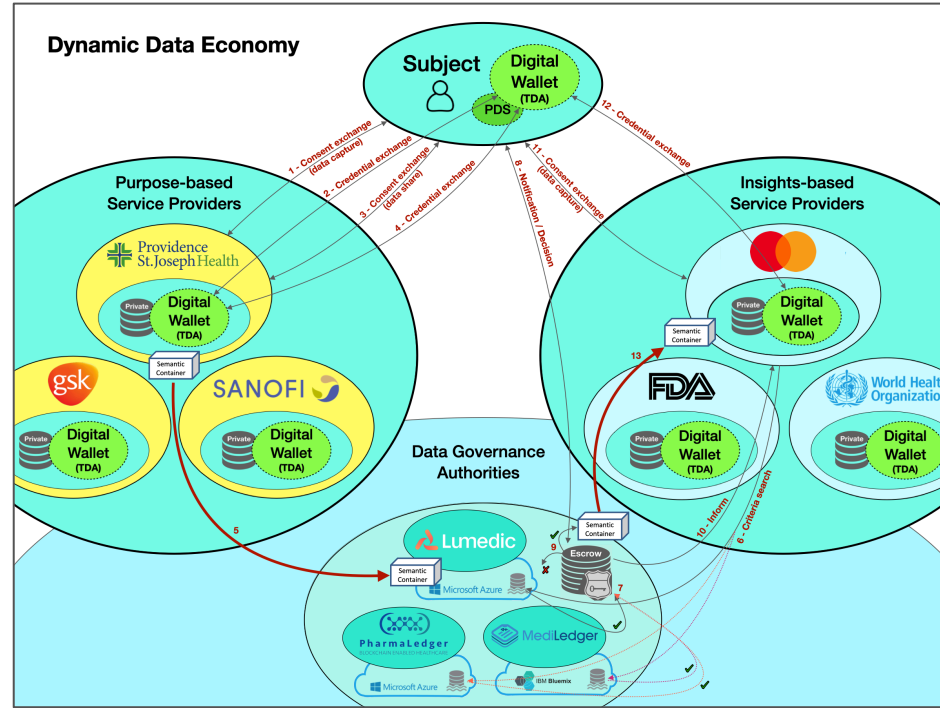
# MMM pilot roadmap (10 mins)

Presented by: P.Knowles

[https://docs.google.com/document/d/11irDi\\_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmom7f5VA/edit](https://docs.google.com/document/d/11irDi_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmom7f5VA/edit)

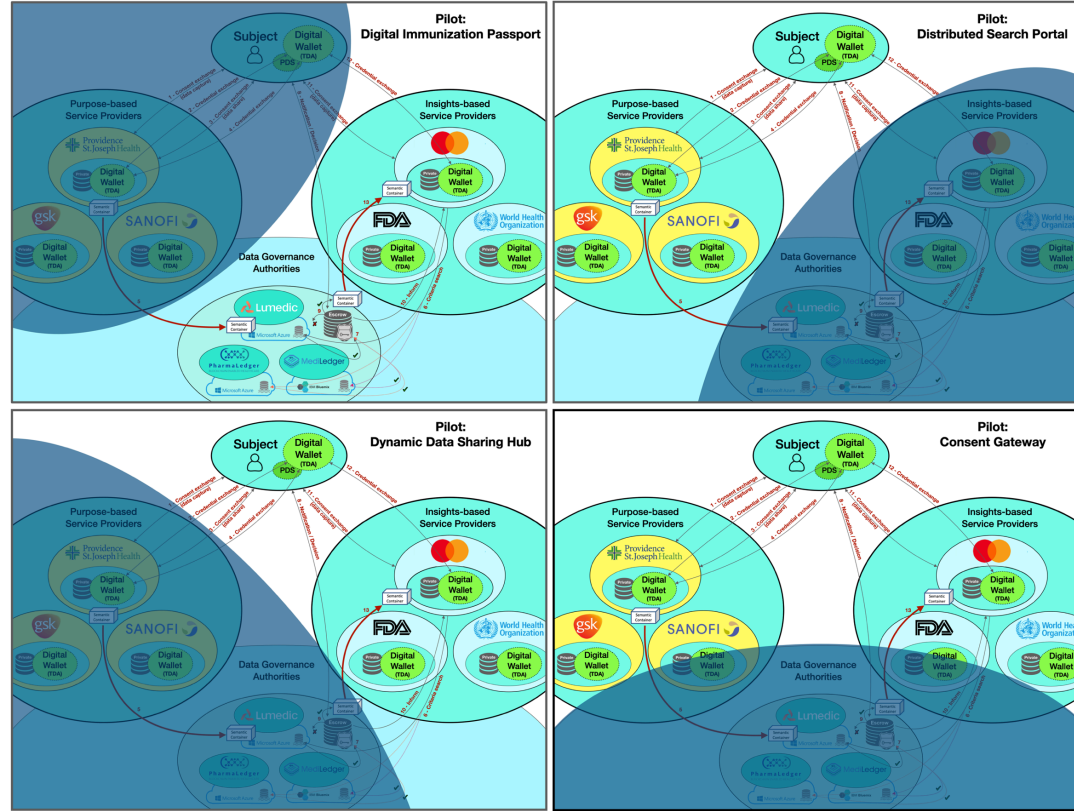


# Master Mouse Model (MMM) pilot roadmap

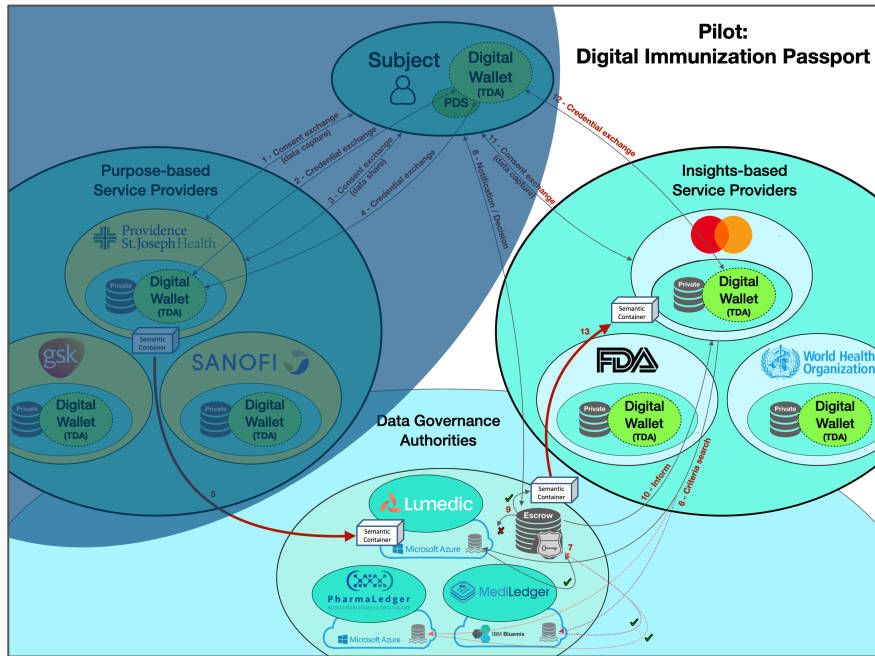


Ref.: [https://docs.google.com/document/d/11rDi\\_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmom7f5VA/edit](https://docs.google.com/document/d/11rDi_UnuETDh19gPRxq9yUBu2L2WJ2EQHpmom7f5VA/edit)

# Master Mouse Model (MMM) pilot roadmap



# Pilot 1: Digital Immunization Passport (DIP)



Tech demo:  
<https://vimeo.com/505869628>

**Paul Knowles**  
 Head of the Advisory Council | Human Colossus Foundation  
 1mo · Edited · 🗨️

Our Digital Immunization Passport (DIP) project has been selected for #DAPSI phase 2 development! A jury of experts in the field have selected Europe's 7 best data portability projects for extended incubation.

Congrats to the successful teams!

#humancolossus #ownyourdata #immunizationpassport #dataportability #oca #ssi #semcon #nextgeneration #internet #NGI

**NGI Data Portability and Services Incubator**  
 289 followers  
 1mo · 🗨️

👉 Results are in!  
 Today was the first DAPSI Pitch Day  
 The pitches are done, and the Jury selected the teams proceeding to phase 2.

👉 Here are the 7 projects moving to the next phase:

ALIAS: [https://lnkd.in/g\\_mSbWN](https://lnkd.in/g_mSbWN)  
 DIP: <https://lnkd.in/eCVJr56>  
 DPELLA: <https://lnkd.in/gvRG6rh>  
 OPENXPRT: <https://lnkd.in/gcVtZB>  
 ORATORIO: <https://lnkd.in/gV-Rc3R>  
 PROV4ITDATA: <https://lnkd.in/gaDktKj>  
 UI-TRANSFER: <https://lnkd.in/gMeR84x>

Congrats! 🎉 🎉 🎉

#dataportability #gpr #innovation

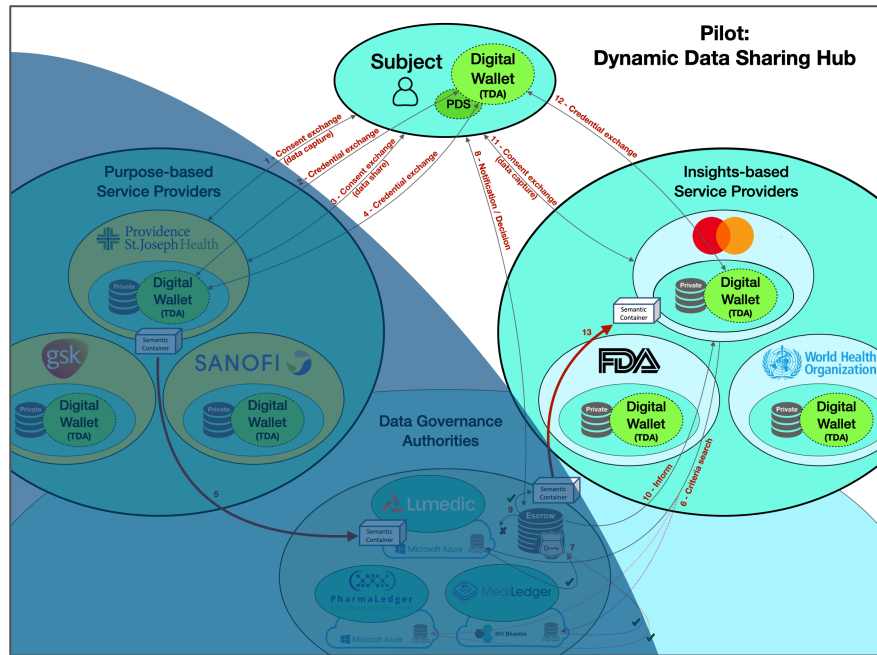
**NGI DAPSI**

**7 TEAMS ARE MOVING TO THE SECOND PHASE CONGRATS!**

👤 with You and 28 others

🗨️ 34 · 4 comments

# Pilot 2: Dynamic Data Sharing Hub (DDSH)



Tech demo:  
<https://vimeo.com/515972100>



**Paul Knowles**

Head of the Advisory Council | Human Colossus Foundation

47m · Edited · 🌐

Our Dynamic Data Sharing Hub with Consent Flow (DDSH) project has been selected for **eSSIF-Lab** phase 3 development! A jury of field experts has selected Europe's 5 best commercial competitive SSI components and services projects for extended incubation.

Congrats to the successful teams!

[#humancolossus](#) [#eSSIF](#) [#datasharinghub](#) [#oca](#) [#ssi](#) [#nextgeneration](#)  
[#internet](#) [#NGI](#)

Dynamic Data Sharing Hub with Consent Flow by The Human Colossus Foundation | ESSIF-LAB

[essif-lab.eu](mailto:essif-lab.eu)

# Dynamic Data Sharing Hub (DDSH): Tech video (10 mins)

Presented by: P.Knowles

<https://vimeo.com/515972100>



# Logistics and miscellaneous (5 mins)

<https://wiki.trustoverip.org/display/HOME/2021-03-09+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 Mitwicki**
- › 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/2021-03-09+Meeting>

## Meeting schedule

- › **Inputs Group** weekly meeting
  - › Wednesday, **March 10th** @ 09:00 US PT / 18.00 CET
  - › Zoom link: <https://zoom.us/j/93406719136?pwd=SUozZHBQM0N5TUhYMhJqL0ZQM3I3Zz>
- › **FHIR FG** bi-weekly meeting
  - › Thursday, **March 11th** @ 08:00 US PT / 17.00 CET
  - › Zoom link: <https://zoom.us/j/93406719136?pwd=SUozZHBQM0N5TUhYMhJqL0ZQM3I3Zz09>
- › **Storage & Portability TF** bi-weekly meeting
  - › Monday, **March 15th** @ 09:00 US PT / 18.00 CET
  - › Zoom link: <https://zoom.us/j/96177500988?pwd=cDVNS2JzN1YxYXhiUVprWIM0OGQxQT09>
- › **Notice & Consent TF** bi-weekly meeting
  - › Thursday, **March 18th** @ 08:30 US PT / 17.30 CET
  - › Zoom link: <https://zoom.us/j/92346573961?pwd=RmZHNnQxS2lya3NCMHZTVXYra3Rrdz09>



Closing Q & A



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