

Identity Ecosystem Map

Prototype Overview

& Version 2.0 Vision

Kaliya “Identity Woman” Young

This was the Obama administration work on Identity Ecosystem Development

The cover of the National Strategy for Trusted Identities in Cyberspace document. It features a white background with a blue header bar. At the top left is a small orange logo. In the center, the title "NATIONAL STRATEGY FOR TRUSTED IDENTITIES IN CYBERSPACE" is written in large, bold, blue capital letters. Below the title, a subtitle reads "Enhancing Online Choice, Efficiency, Security, and Privacy". At the bottom, the date "APRIL 2011" is printed. A small oval seal of the White House is at the bottom right.



THE WHITE HOUSE
WASHINGTON

The Internet has transformed how we do business, opening up markets and connecting our economy as never before. It has revolutionized the ways in which we communicate with one another, whether with a friend down the street or a colleague across the globe. And as we have seen in recent weeks, it has empowered people all over the world with tools to share information and speak their minds. In short, the growth of the Internet has been one of the greatest forces for innovation and progress in history.

That is why we are strengthening our communications infrastructure. That is why we are making it easier for the private sector to expand wireless broadband across America. And that is why I am outlining a strategy to make online transactions more secure for businesses and consumers alike: the National Strategy for Trusted Identities in Cyberspace.

The rapid and vastly positive changes that have followed the rise of online transactions – like making purchases or downloading bank statements – have also led to new challenges. Few have been as costly or nerve wracking for businesses and families as online fraud and identity theft. These crimes cost companies and individuals billions of dollars each year; and they often leave in their wake a mess of ruined credit and damaged finances that can take years to repair. But there are other costs for our economy that are more difficult to measure. The potential for fraud and the weakness of privacy protections often leave individuals, businesses, and government reluctant to conduct major transactions online. For example, providing patients with access to their medical records from their home computers requires that hospitals be able to confidently identify that patient online.

Giving consumers choices for solving these kinds of problems is at the heart of this new strategy. And it is one that relies not on government, but on the private sector to design the technologies and tools that will help make our identities more secure in cyberspace and to make those tools available to consumers who want them. It asks companies to pursue these solutions in ways that will not impinge on the vitality and dynamism of the web, or force anyone to give up the anonymity they enjoy on the Internet.

The simple fact is, we cannot know what companies have not been launched, what products or services have not been developed, or what innovations are held back by the inadequacy of tools, like insecure passwords, long ago overwhelmed by the fantastic and unpredictable growth of the Internet. What we do know is this: by making online transactions more trustworthy and enhancing consumers' privacy, we will prevent costly crime; we will give businesses and consumers new confidence; and we will foster growth and innovation, online and across our economy – in some ways we can predict, and in other ways we can scarcely imagine. Ultimately, that is the goal of this strategy.

A handwritten signature of Barack Obama in black ink, enclosed in a circular oval.

This is what it called for:

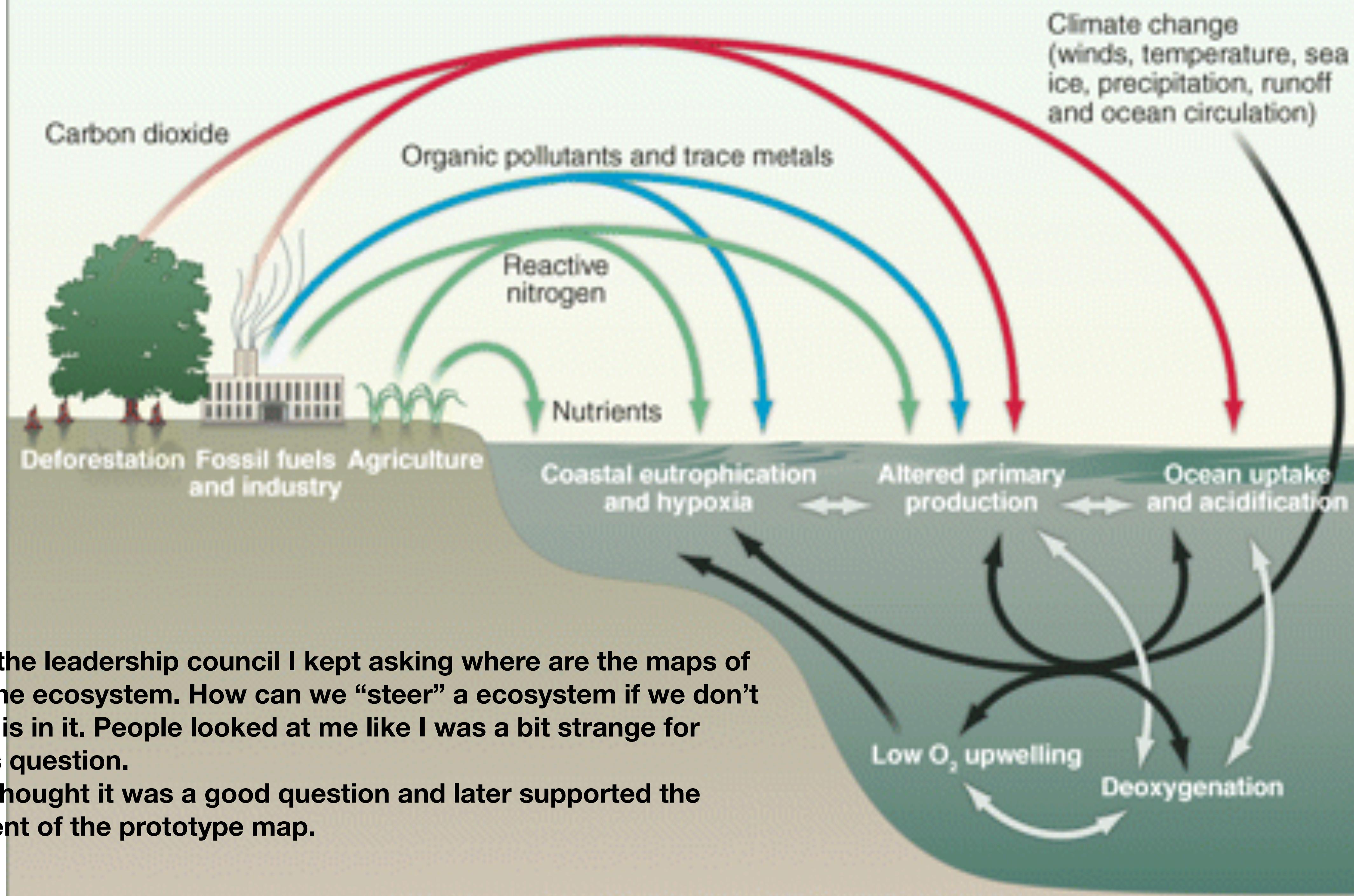
NSTIC is focused on consumer use cases, but the standards and policies that emerge from the privately-led

Identity *Ecosystem* Steering Group (IDESG)

established to support the NSTIC – as well as new authentication solutions that emerge from NSTIC pilots – can inform advances in authentication for critical infrastructure as well.

NIST will focus in these areas:

- Continue to support the development of better identity and authentication solutions through NSTIC pilots, as well as an active partnership with the IDESG;
- Support and participate in identity and authentication standards activities, seeking to advance a more complete set of standards to promote security and interoperability; this will include standards development work to address gaps that may emerge from new approaches in the NSTIC pilots



As part of the leadership council I kept asking where are the maps of who is in the ecosystem. How can we “steer” a ecosystem if we don’t know who is in it. People looked at me like I was a bit strange for asking this question.

Anil John thought it was a good question and later supported the development of the prototype map.

Early Maps looking at The Identity Ecosystem 2005-7

Loose Affiliations of People



Current Organizations



Organizations (no longer)



Company



Proprietary Service (no longer)



Protocol standardized at OASIS



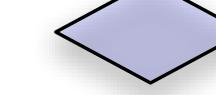
Protocol standardized at OASIS
earlier version (no longer)



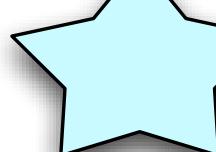
Independent Open Protocol



Independent Open Protocol
(no longer)



Paper:Shared Understanding



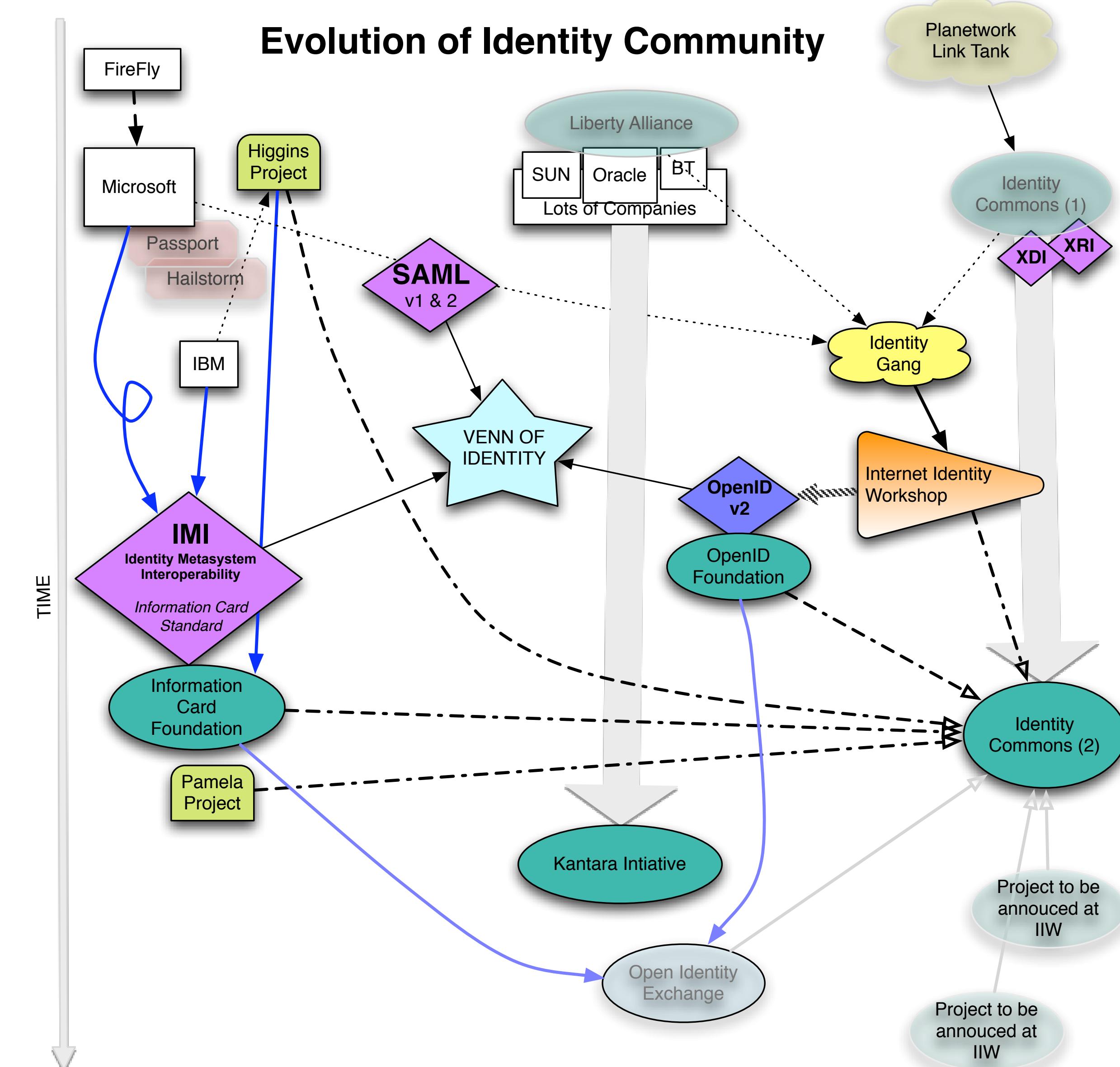
Event



Project with Code



Evolution of Identity Community



Early Maps looking at The Identity Ecosystem 2005-7

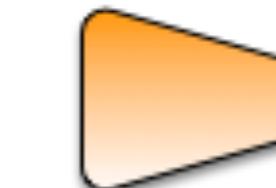
Current Organizations



Organizations (no longer)



Event



Independent Open Protocol



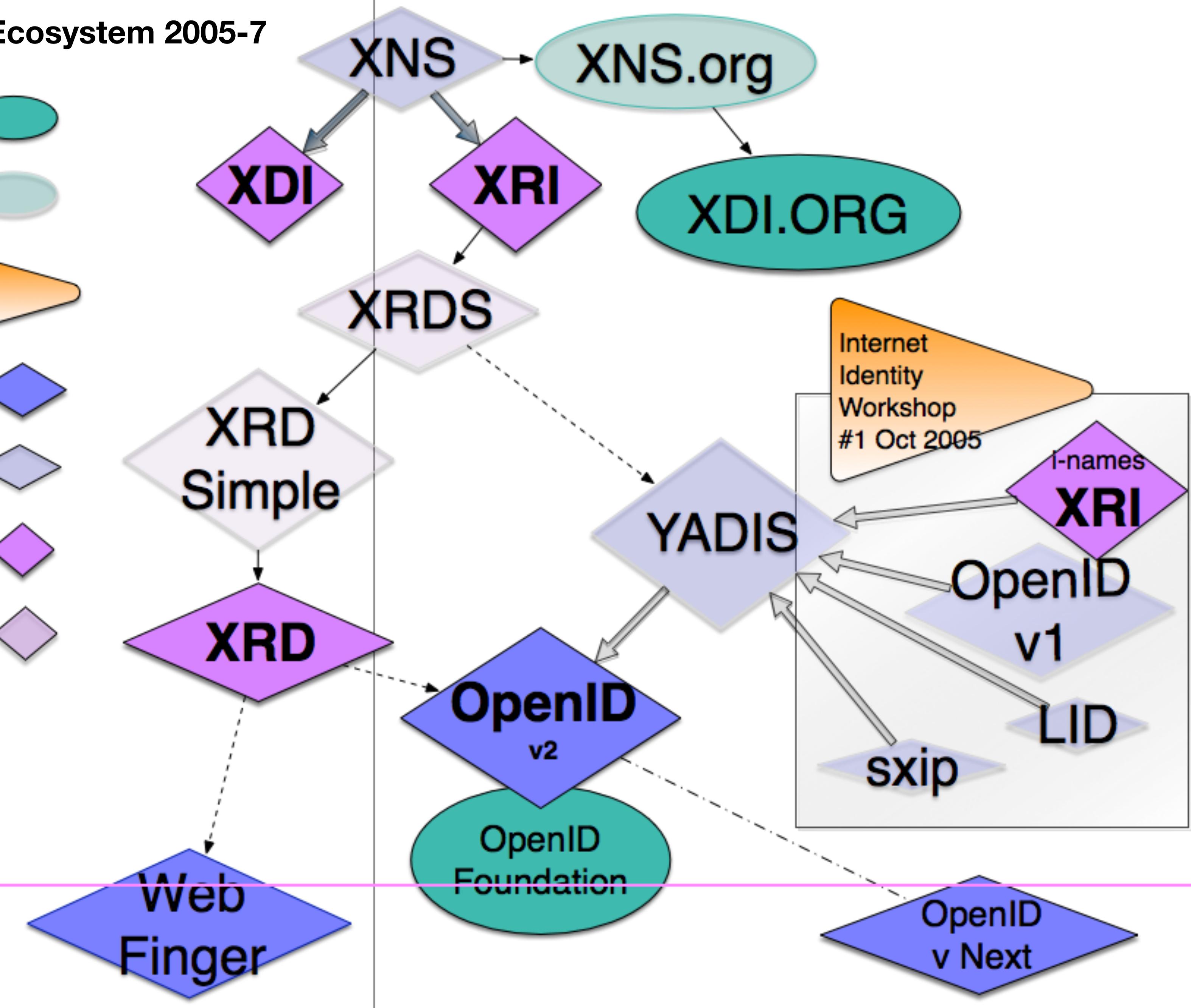
Independent Open Protocol
(no longer)



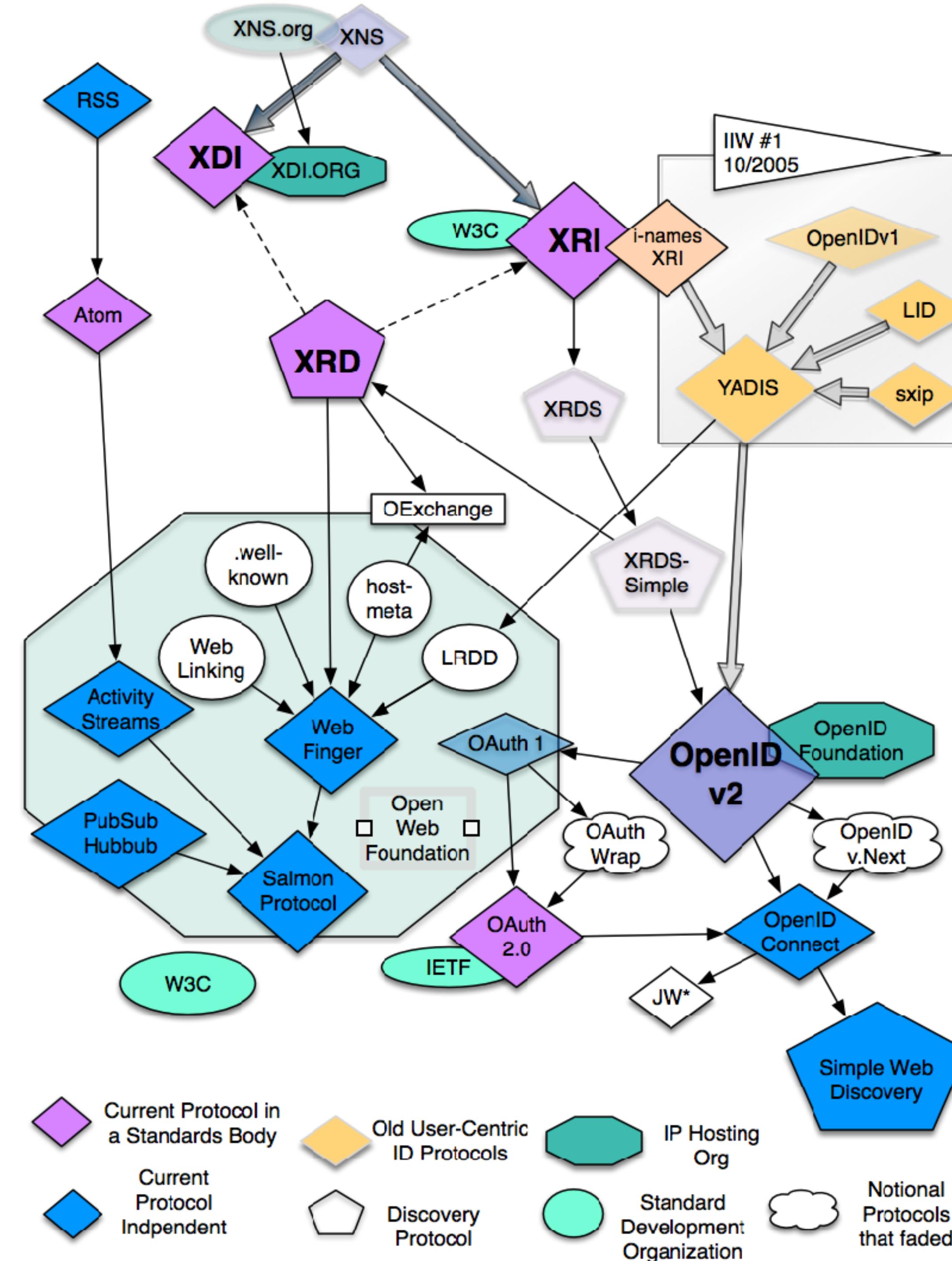
Protocol standardized at OASIS



Protocol standardized at OASIS
earlier version (no longer)



Early Maps looking at The Identity Ecosystem 2005-7



Internet Identity Workshop



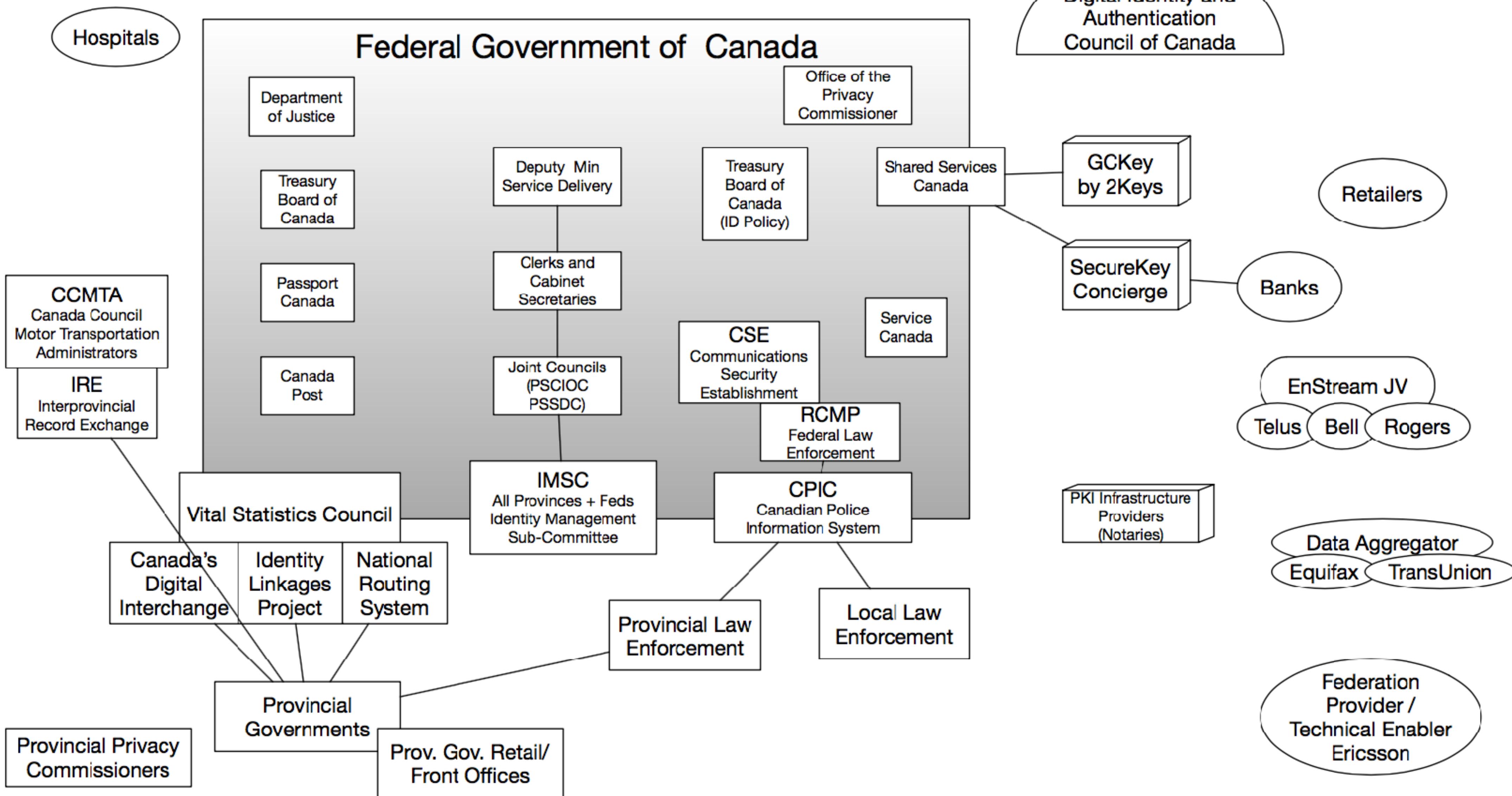
Map I lead the creation of in one hour at at IIW with 200 participants - contains 450 nodes



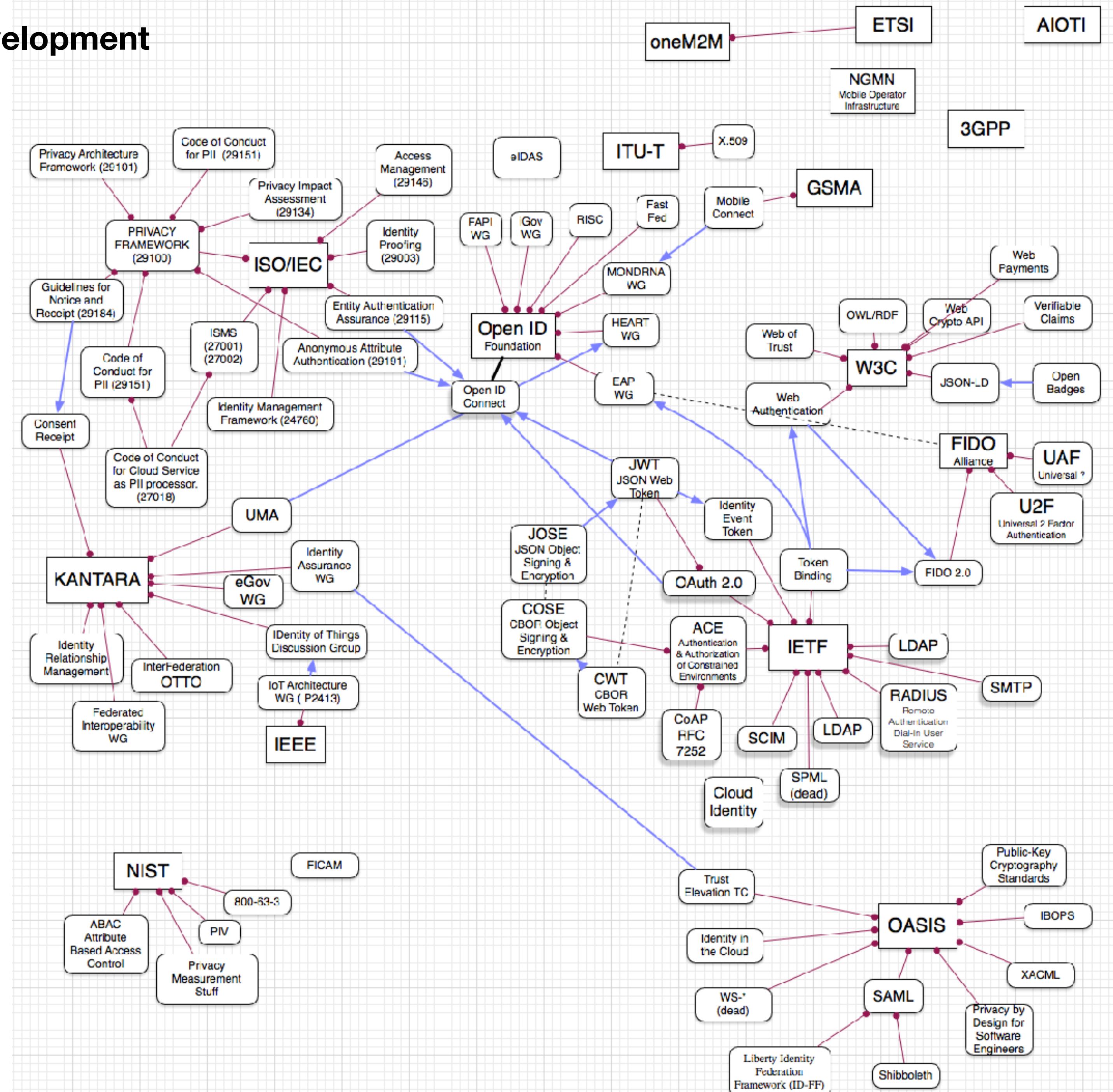
Part of Prototype Development

Canadian Identity Ecosystem - Version .2

Please send comments and edits to Kaliya@identitywoman.net



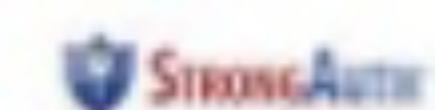
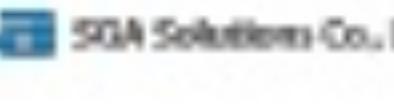
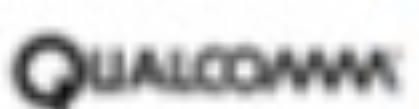
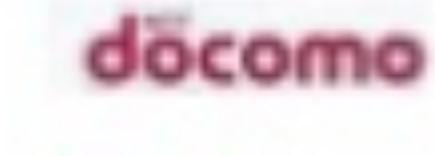
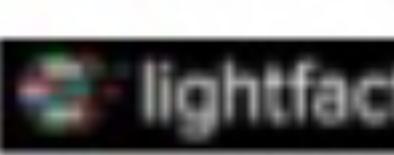
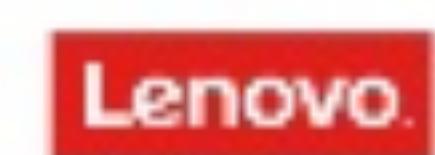
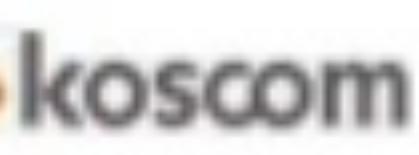
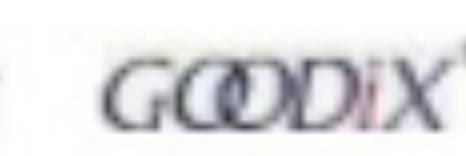
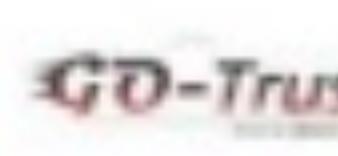
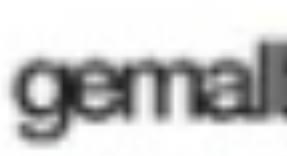
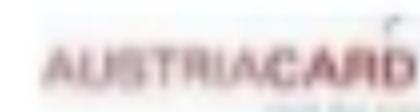
Part of Prototype Development

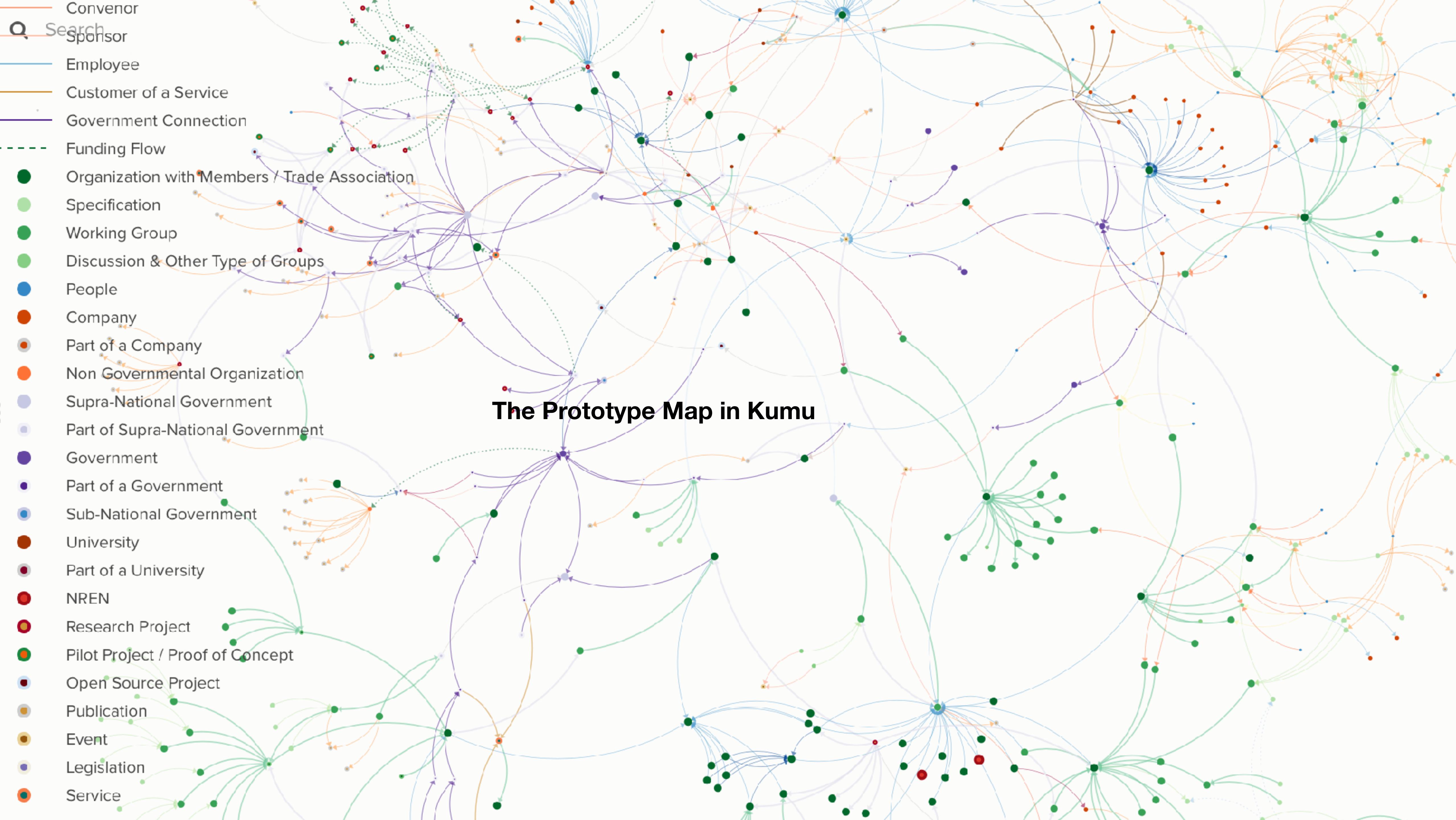


All of these companies are members of FIDO and should be linked to it on the map.



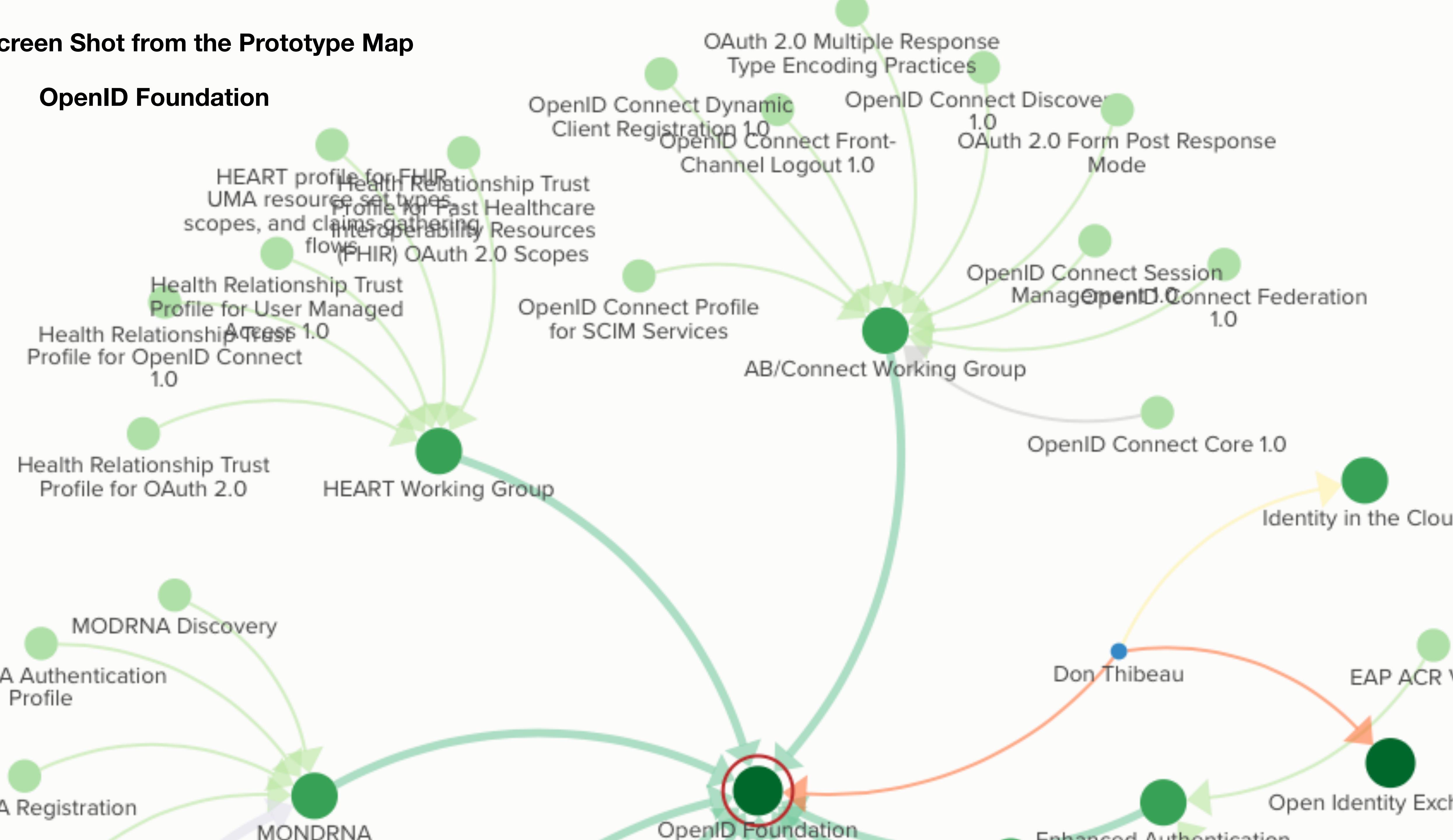
Certified

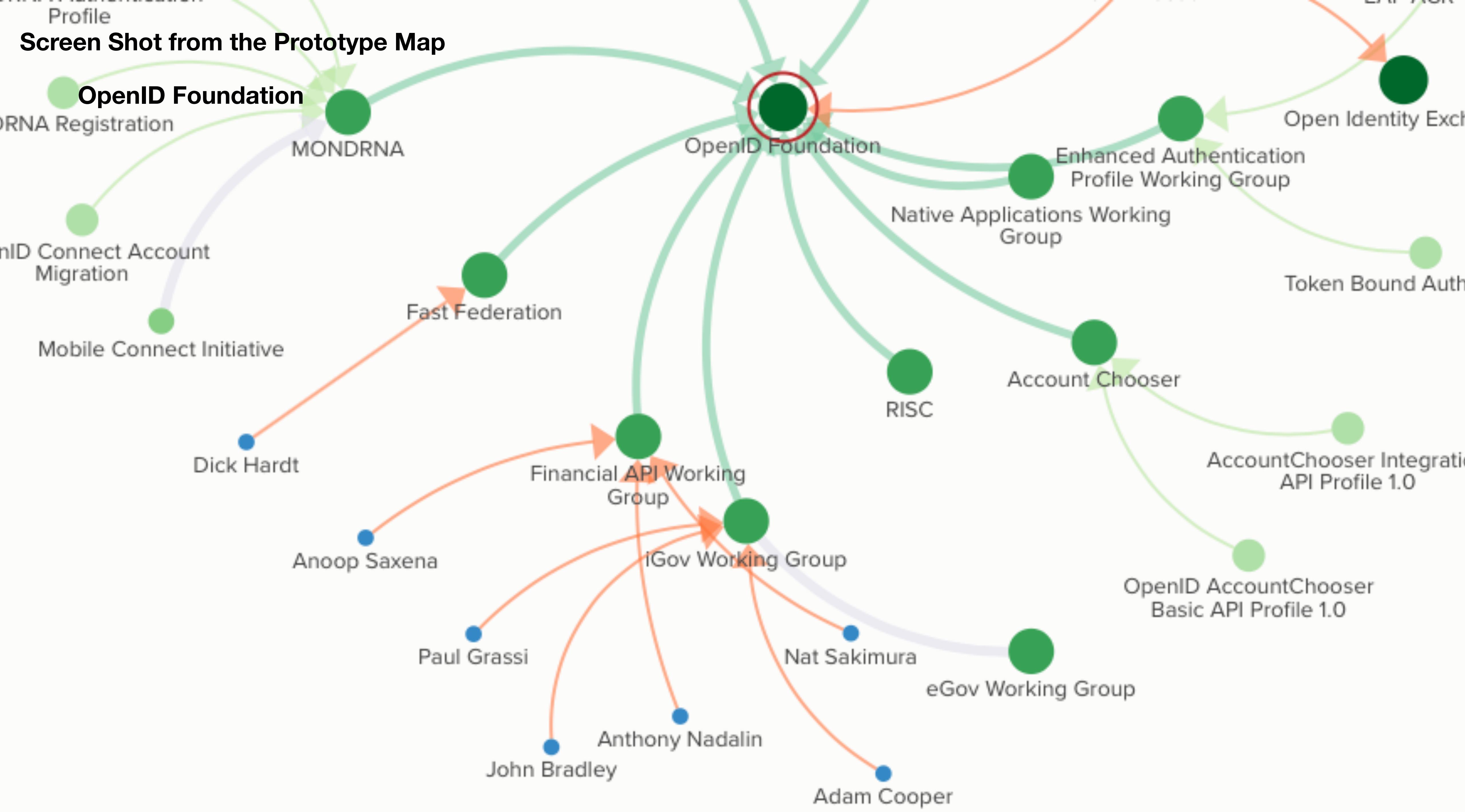




Screen Shot from the Prototype Map

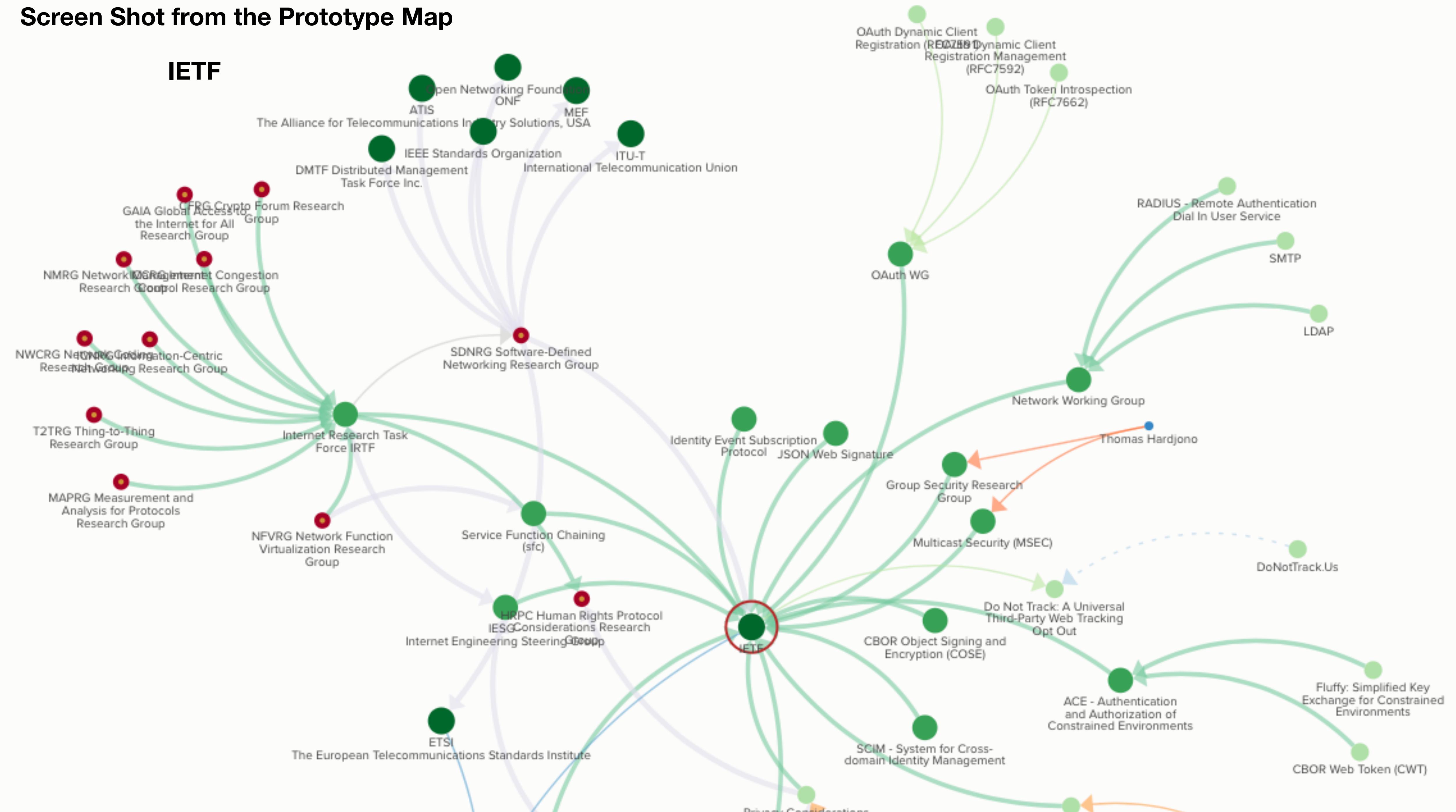
OpenID Foundation





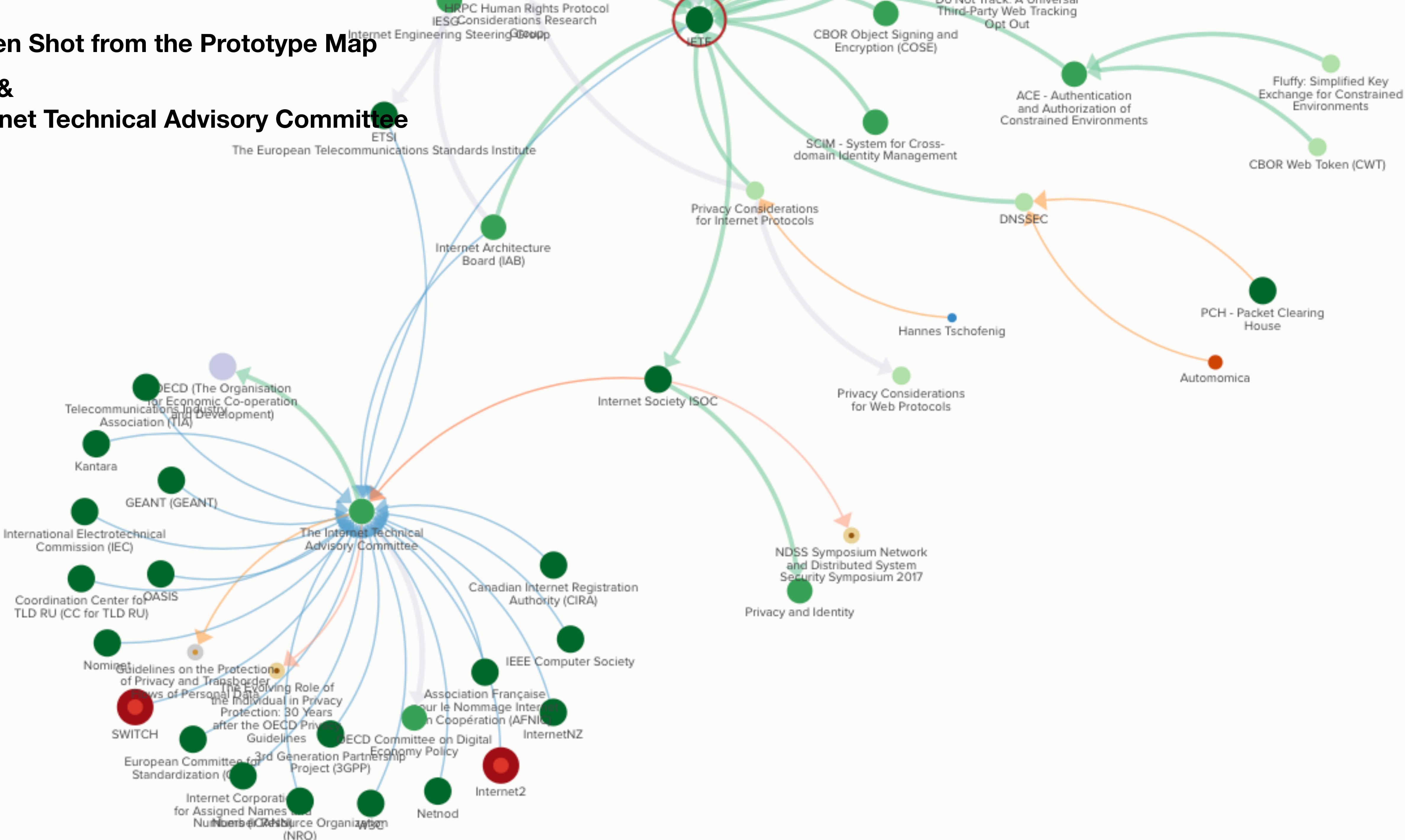
Screen Shot from the Prototype Map

IETF



Screen Shot from the Prototype Map Internet

IETF & Internet Technical Advisory Committee



Screen Shot from the Prototype Map

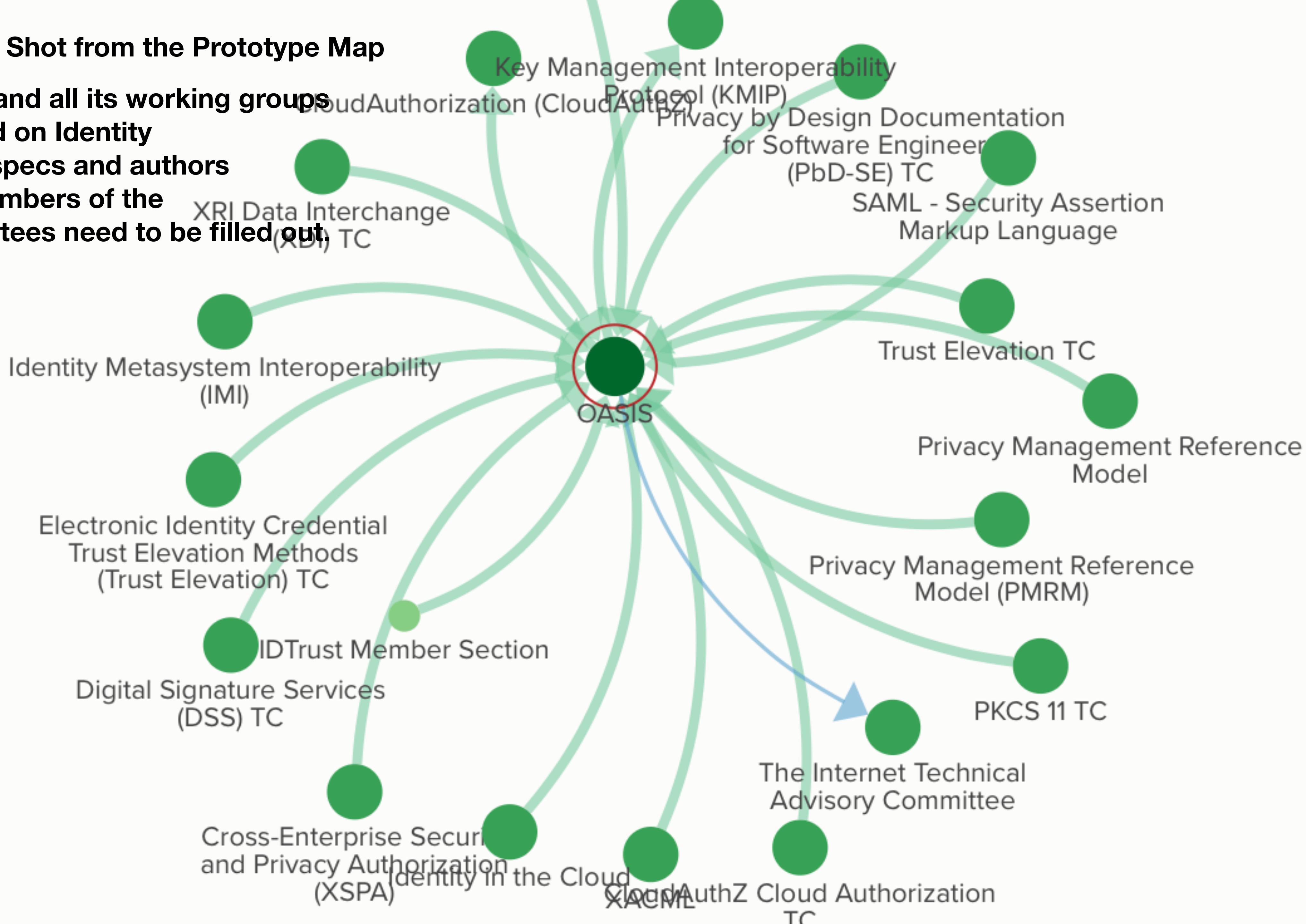
OASIS and all its working groups

focused on Identity

all the specs and authors

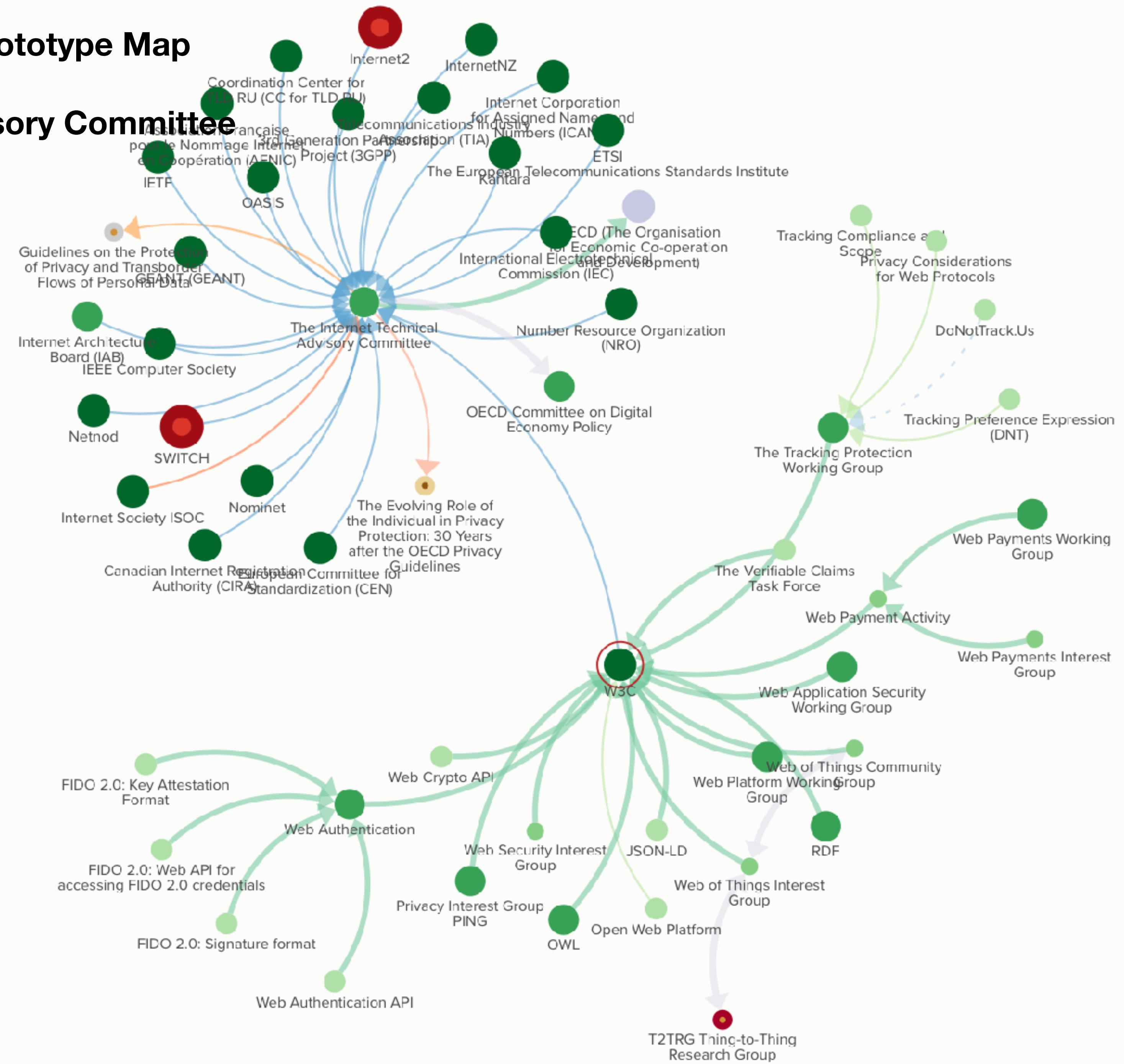
and members of the

committees need to be filled out.



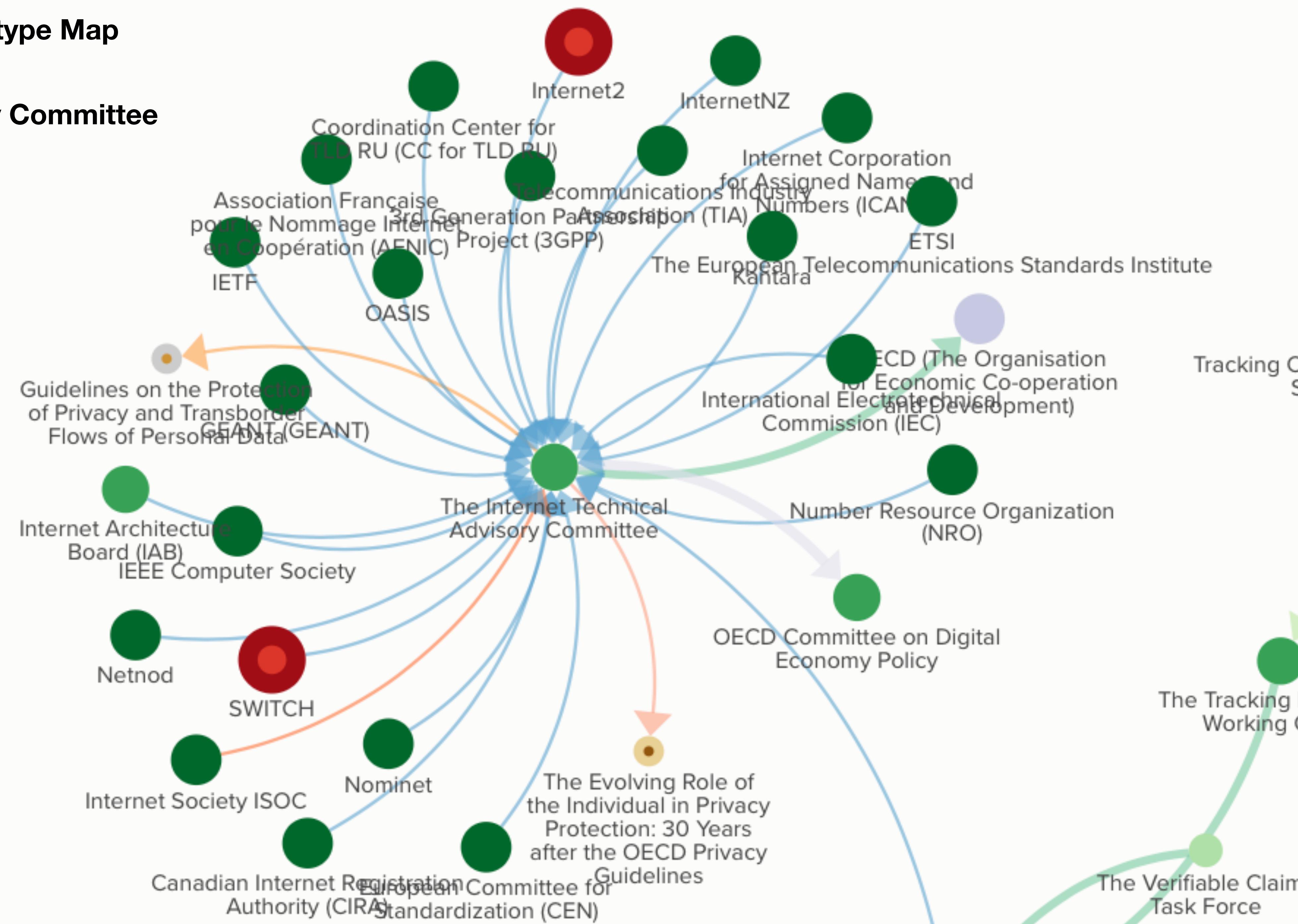
Screen Shot from the Prototype Map

Internet Technical Advisory Committee & W3C

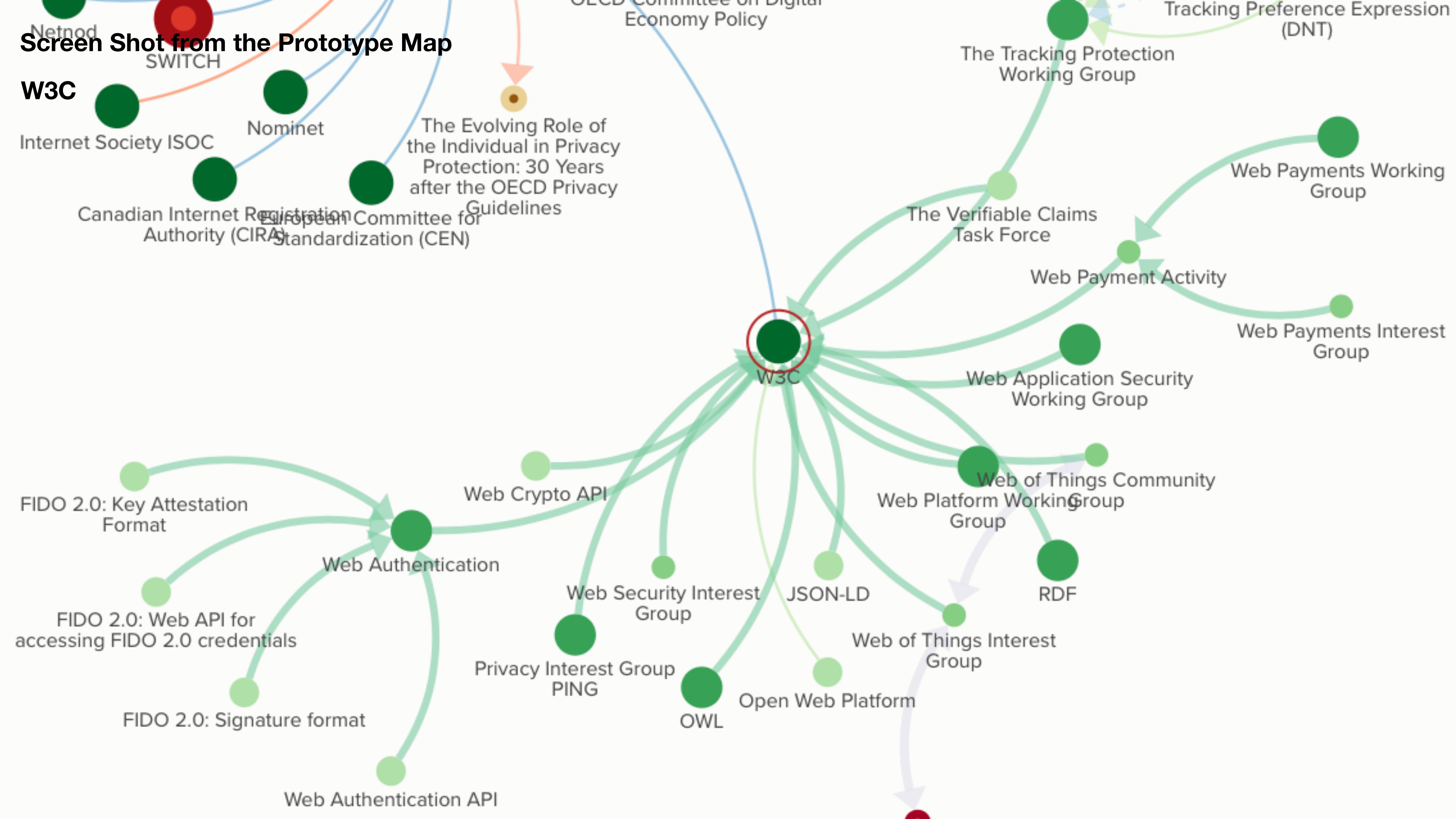


Screen Shot from the Prototype Map

Internet Technical Advisory Committee

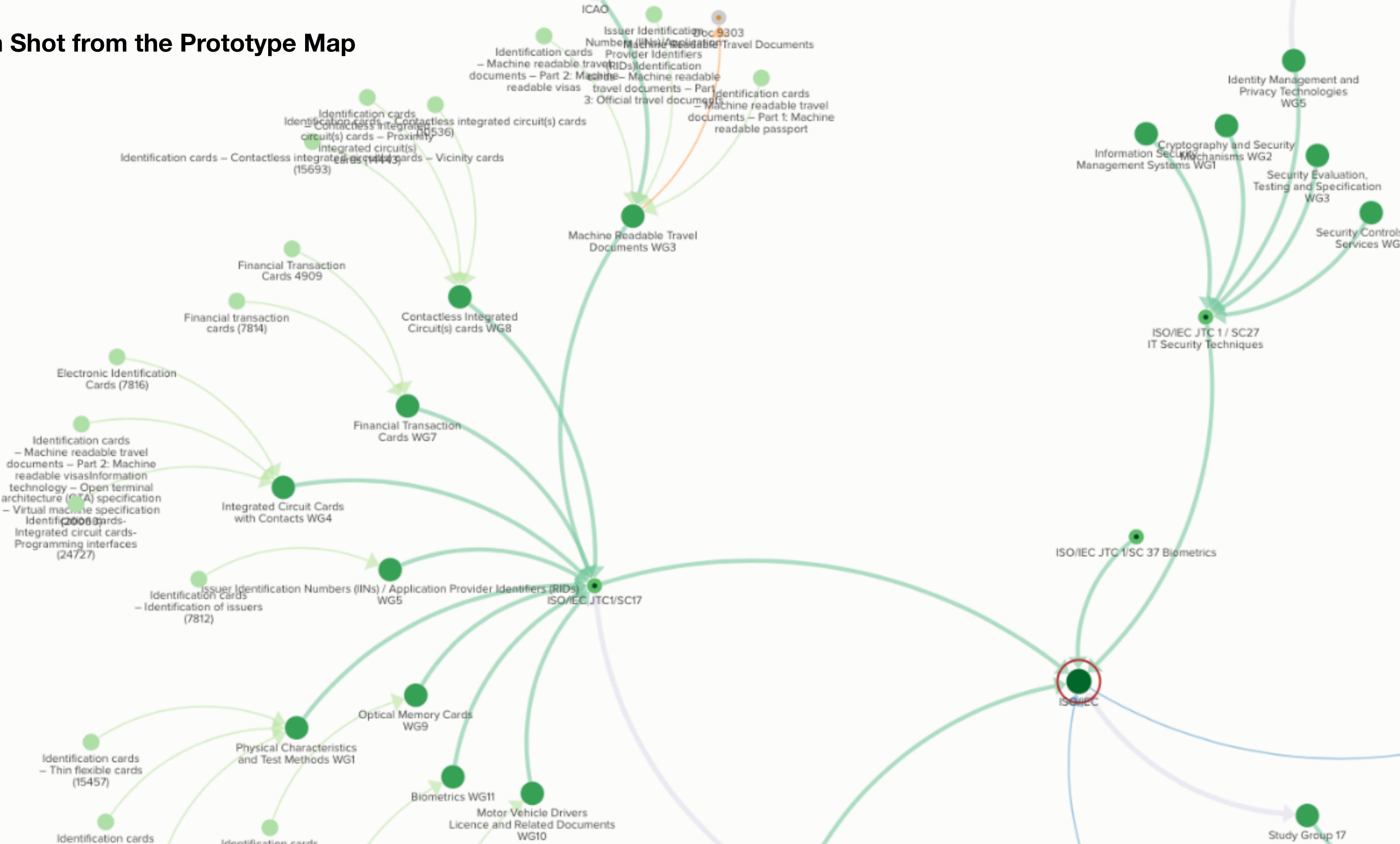


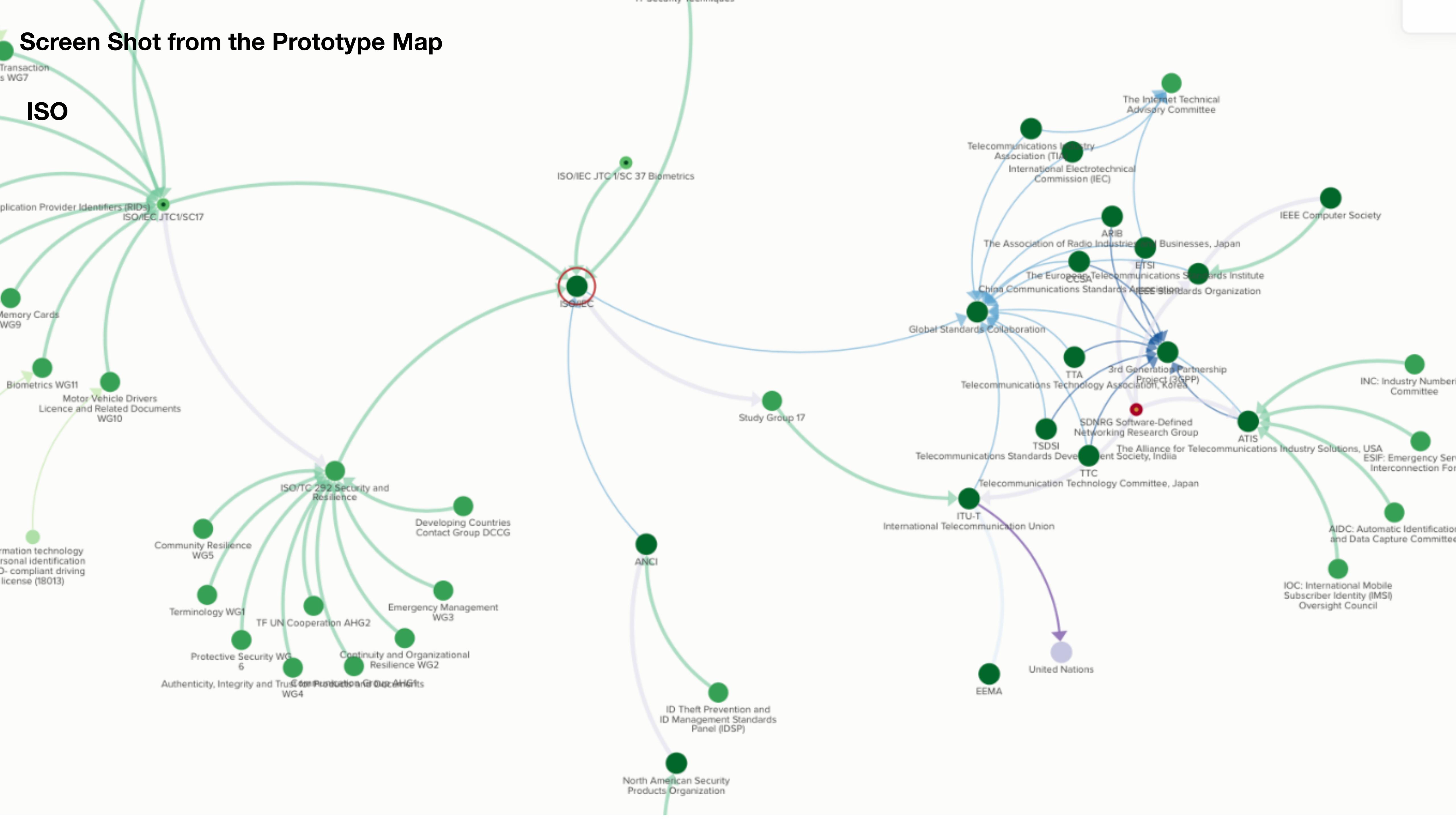
Screen Shot from the Prototype Ma



Screen Shot from the Prototype Map

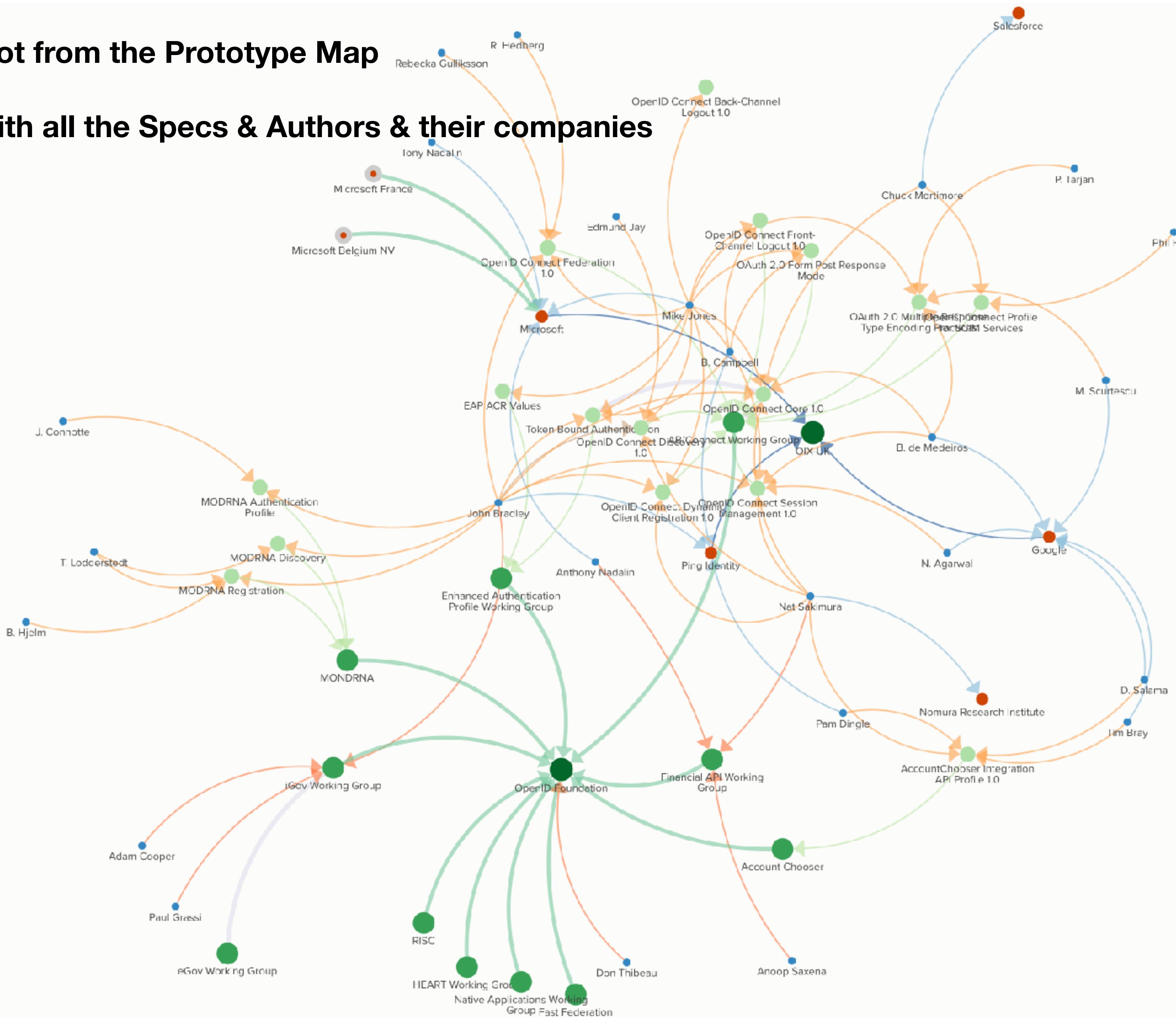
ISO





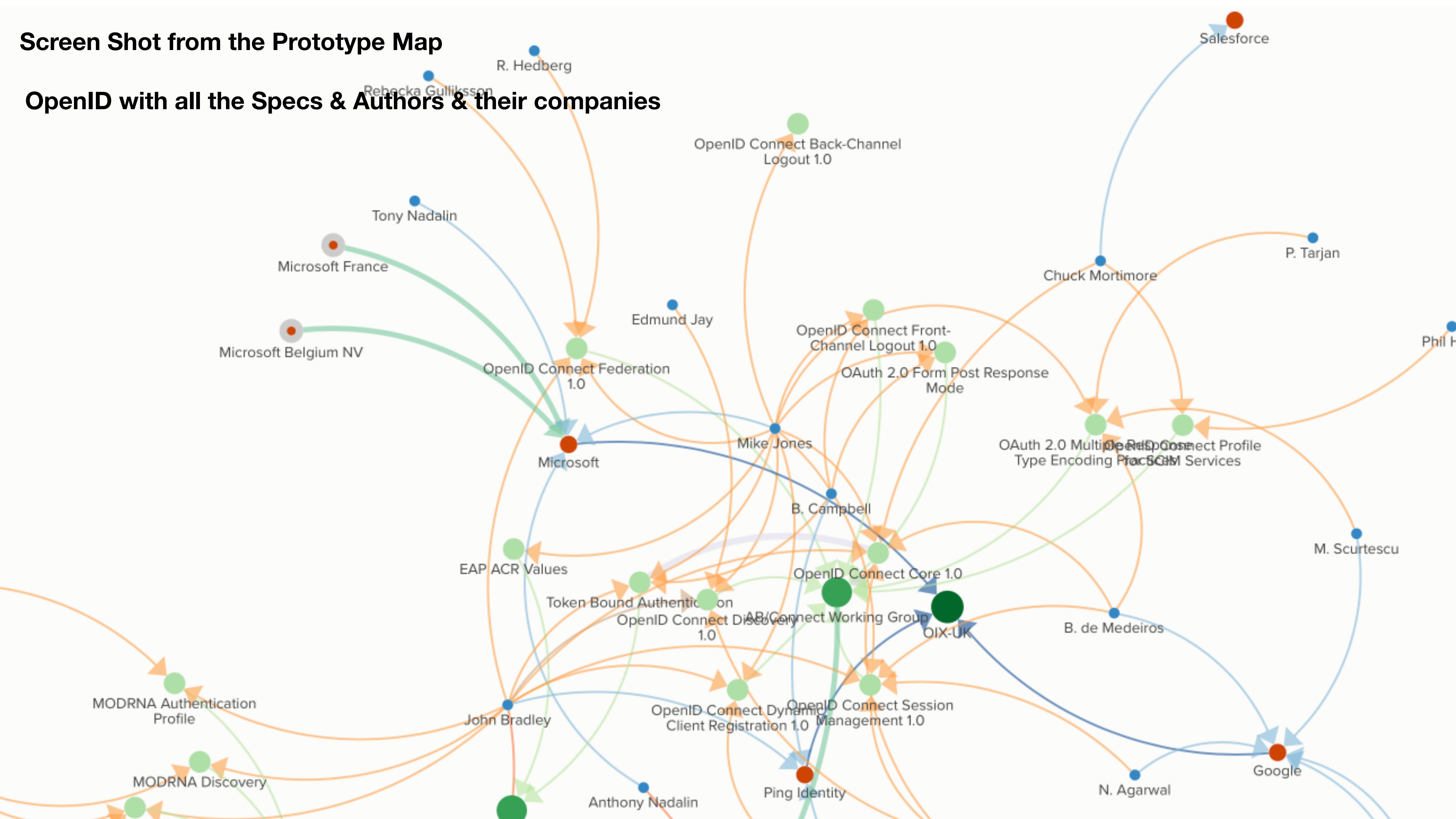
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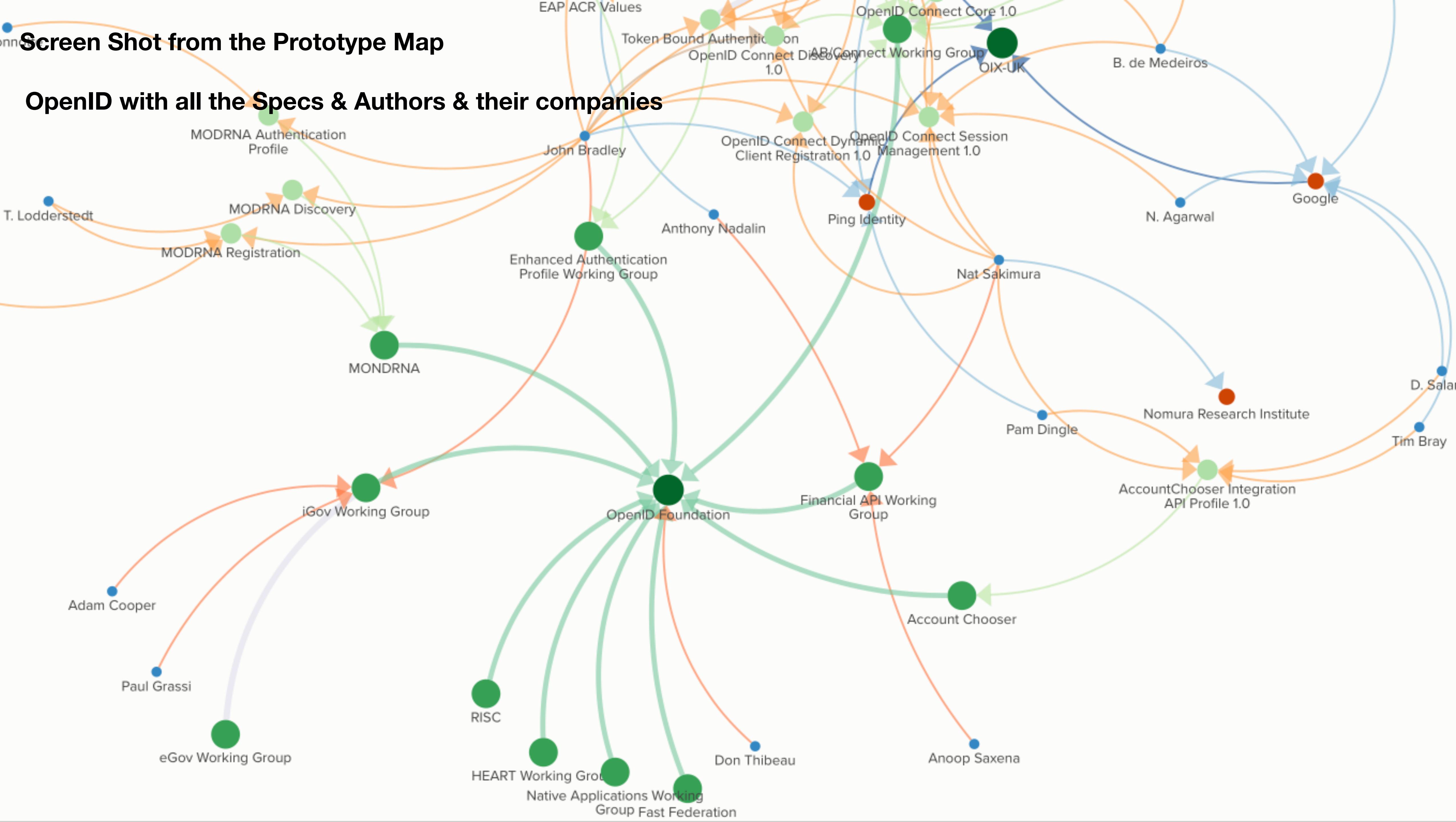
OpenID with all the Specs & Authors & their companies



Screen Shot from the Prototype Map

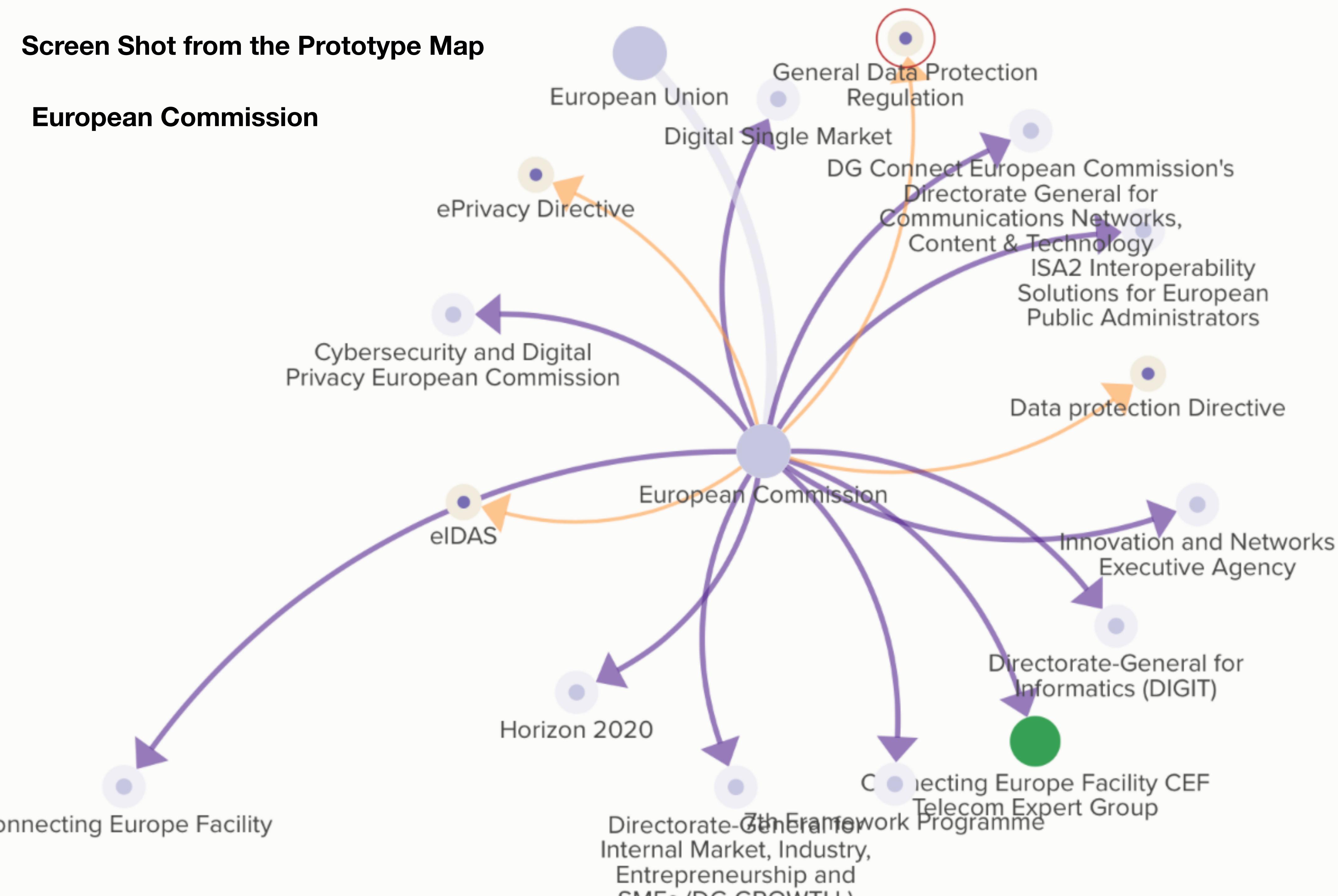
OpenID with all the Specs & Authors & their companies





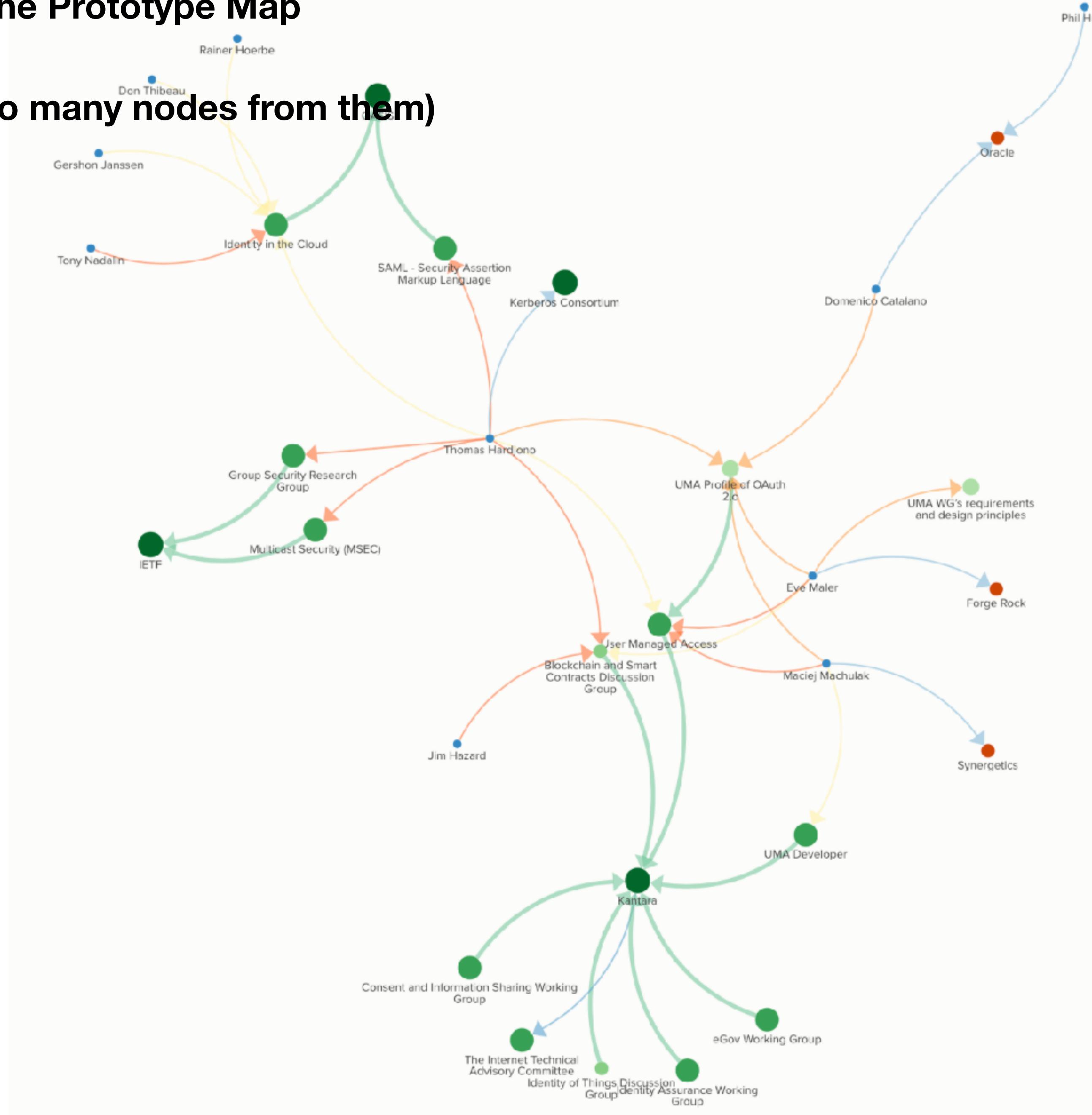
Screen Shot from the Prototype Map

European Commission

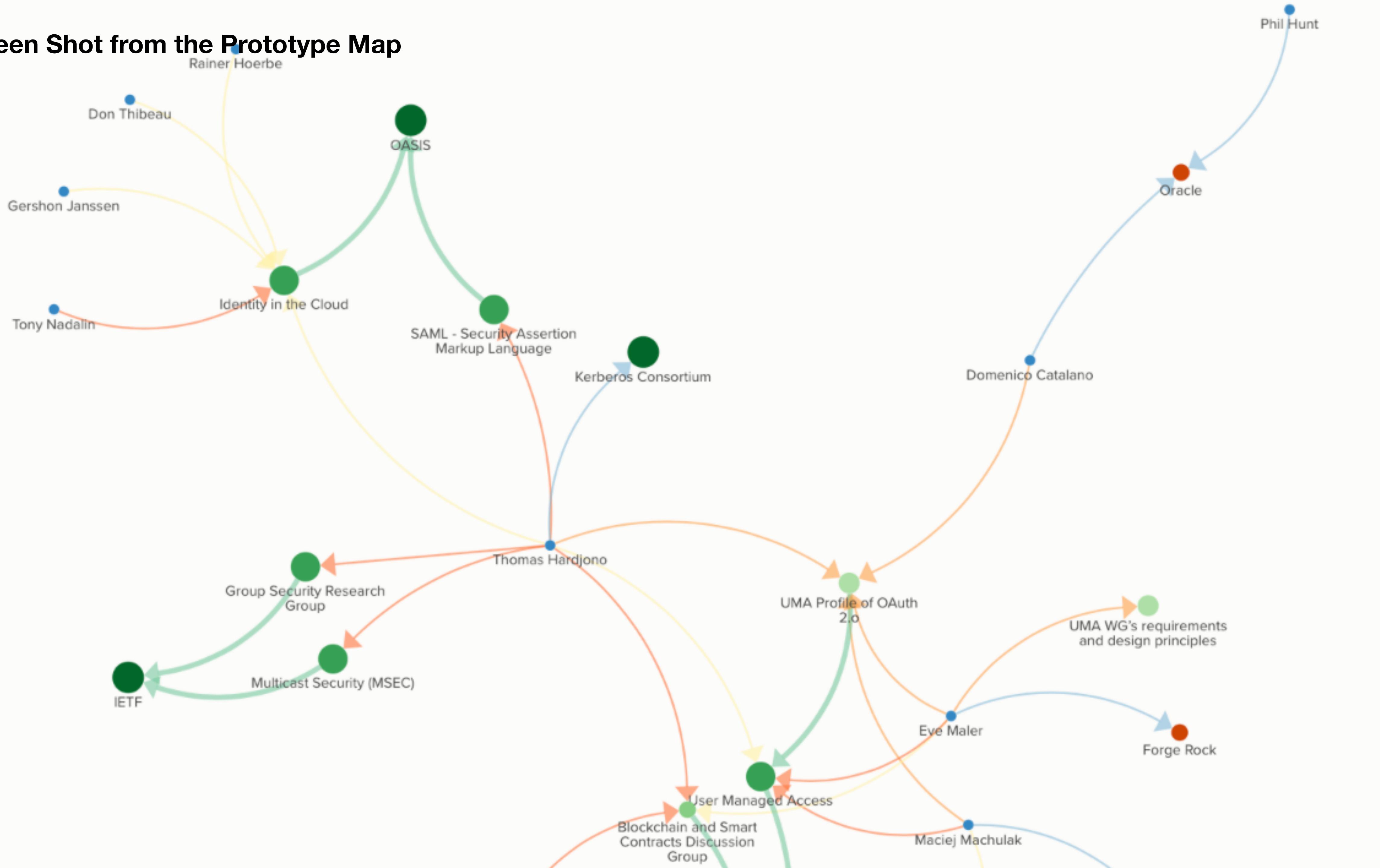


Screen Shot from the Prototype Map

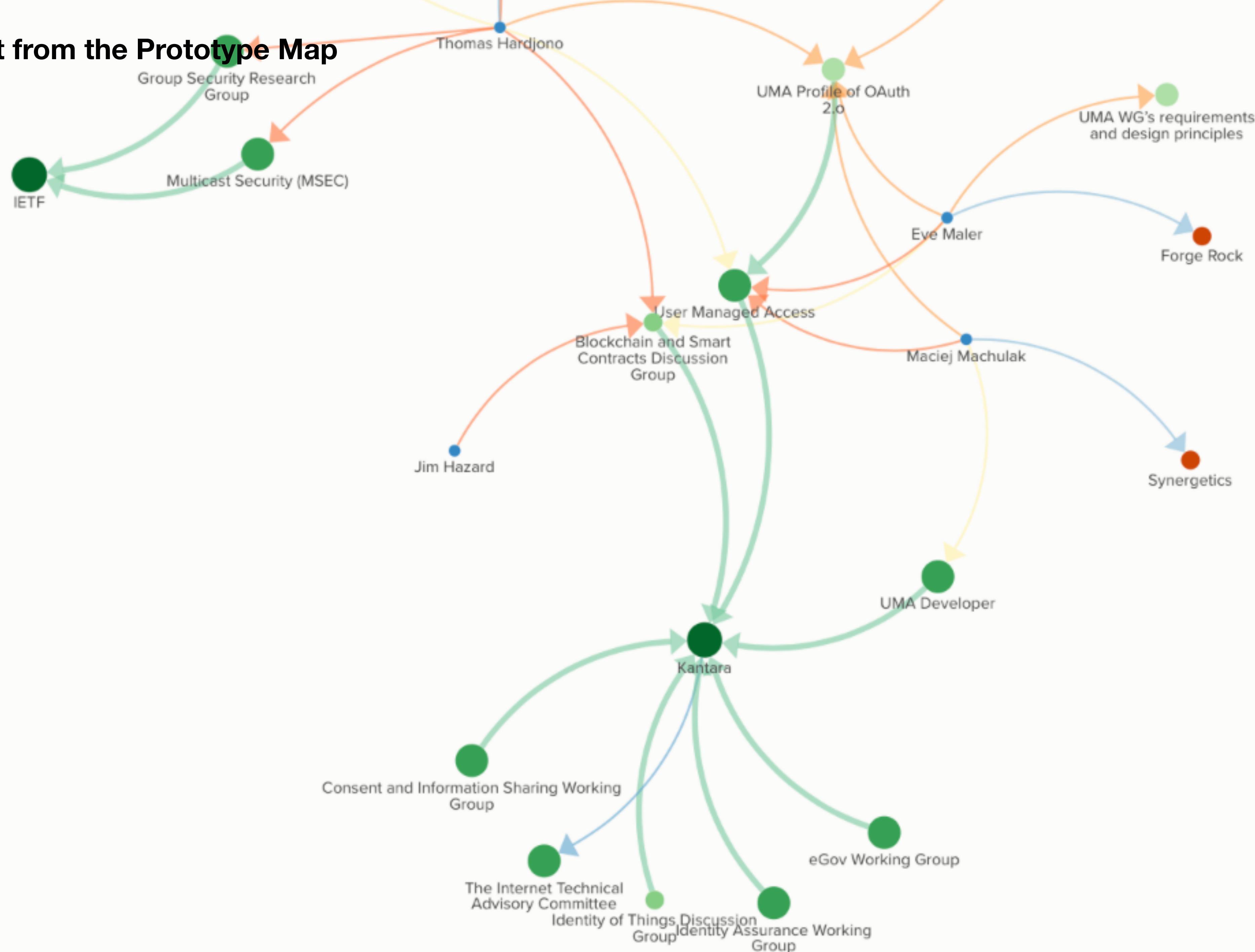
Kantara (missing so many nodes from them)



Screen Shot from the Prototype Map



Screen Shot from the Prototype Map



Identity Ecosystem Map 2.0

Knowledge Ecology Interface

by SOSACorp

System of Systems Analytics Corp

EXAMPLE from another Project

Search Advanced Search

MPhilip Pridmore-Brown

Case Data

Case Data Favorites Print Delete Duplicate Network Graph

FIELDS

Tag	+
Description	+
Related Image	+
Alias	+
Source	+
Org Type	+
Org Objectives	+
Organization Size	+
Founding Date	+
Religion	+
Ethnicity	+
Revenue Sources	+
Contact Information	+
Geolocation	+
Rich Notes	+
Related URL	+

USERS VIEWING ITEM Y

European Union



TYPE: Organization
SUBTYPE: -
CREATED BY: MJennifer Clark
CREATION DATE: 23:32 Jan 16, 2017 (UTC)
MODIFIED BY: MEADE Corp
MODIFICATION DATE: 01:57 Jan 19, 2017 (UTC)

TAG

Syrian Refugee Timeline

DESCRIPTION

The European Union (EU) is a politico-economic union of 28 member states that are located It consists of a government minister from each member state and meets in different compositions depending on the policy area being addressed.

ALIAS

EU

RELATED CASE DATA

NAME	TYPE	LINK	LINK WEIGHT	DATE RANGE
2013.09: Germany announces plan refugee resettlement	Event	Positive Influence		X
2013.09: Sweden offers permanent residency to refugees	Event	Positive Influence		X
2013.10: 16 Countries Confirm Resettlement Pledges	Event	Positive Influence		X

Case Data

Case Data

Favorites

Print

Delete

Duplicate

Network Graph

i

o

★

FIELDS

Texture	
Tag	
Description	
Role	
Alias	
Related Image	
Source	
Birth Info	
Death Info	
Personal Information	
Contact Information	
Identifiable Markings	
Nationality	
Ethnicity	
Religion	
Education Level	
Rich Notes	
Related URL	



Bashar Assad

TYPE: Person

SUBTYPE: -

CREATED BY: Mjennifer Clark

CREATION DATE: 19:49 Aug 20, 2016 (UTC)

MODIFIED BY: Mjennifer Clark

MODIFICATION DATE: 20:26 Apr 20, 2017

(UTC)

TAG

[Syria](#) [Key Actor](#) [Political-People](#)EXAMPLE
from another
Project

DESCRIPTION

Bashar Hafez al-Assad is the President of Syria, commander-in-chief of the Syrian Armed Forces, General Secretary of the ruling Ba'ath Party and Regional Secretary of the party's branch in Syria. In 2000 he succeeded Hafez al-Assad, his father, who had led Syria for 30 years until his death. He was confirmed by the Syrian electorate twice in 2000 and 2007 in referenda that did not include any opposing candidate. In 1994, after his elder brother Bassel was killed in a car crash, Bashar was recalled to Syria to take over Bassel's role as heir apparent. He entered the military academy, taking charge of the Syrian occupation of Lebanon in 1998. Assad was reconfirmed by the national electorate as President of Syria in 2000 and 2007, after the People's Council of Syria had voted to propose the incumbent uncontested each time. The form of government Assad presides over has been designated as an authoritarian regime by political scientists. The Syrian Government has described itself as secular, while experts have contended that the regime exploits ethnic and sectarian tensions in the country to remain in power.

ROLE



Case Data

All

Abstract

Event

Location

Org & Groups

Person

Physical Thing

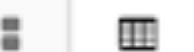
Search



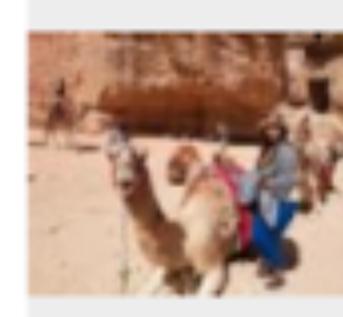
Case Data

Select a user

Name A-Z



Indonesian Tourists



Tourists from Indonesia.

Edit



tourism jordan

TYPE Organization

SUB-TYPE -

WORKFLOW STATE DRAFT

CLASSIFICATION U

International Donors



Group of countries and organizations that provide aid to support Jordan.

Edit



economic-aid economic-events

... + (1) more

TYPE Organization

SUB-TYPE -

WORKFLOW STATE DRAFT

CLASSIFICATION U

Iranian Armed Forces



Iran continues to rely on a mix of ageing combat equipment, reasonably well-trained regular and Islamic Revolutionary Guard

Edit



iran military-police-organizations

TYPE Organization

SUB-TYPE -

WORKFLOW STATE DRAFT

CLASSIFICATION U

Iranian Government



The politics of Iran take place in a framework of a theocracy in a format of syncretic politics that is guided by...

Edit



iran political-organization

TYPE Organization

SUB-TYPE -

WORKFLOW STATE DRAFT

CLASSIFICATION U

Iranian Revolutionary G...



The Revolutionary Guard or Pasdaran-e Enqelab, was established by a decree issued by Khomeini on May 5, 1979 "to

Edit



kurds iran ... + (1) more

TYPE Organization

SUB-TYPE -

WORKFLOW STATE DRAFT

CLASSIFICATION U

Iraq Refugees



Although exact numbers of Iraqi refugees are not easy to come by since the Jordanian government has not carried out any solid...

Edit



refugees jordan

TYPE Organization

SUB-TYPE -

WORKFLOW STATE DRAFT

CLASSIFICATION U//FOUO

Iraqi Armed Forces



Due to ongoing conflict with ISIS insurgents, there have been significant personnel and

Iraqi Army



The Iraqi Army, officially the Iraqi Ground Forces, is the ground force component of

Iraqi Ba'athist Governm...



Saddam became President of Iraq, Chairman of the Revolutionary Command

EXAMPLE from another Project

🕒 Network Graph

 Print

 Overview

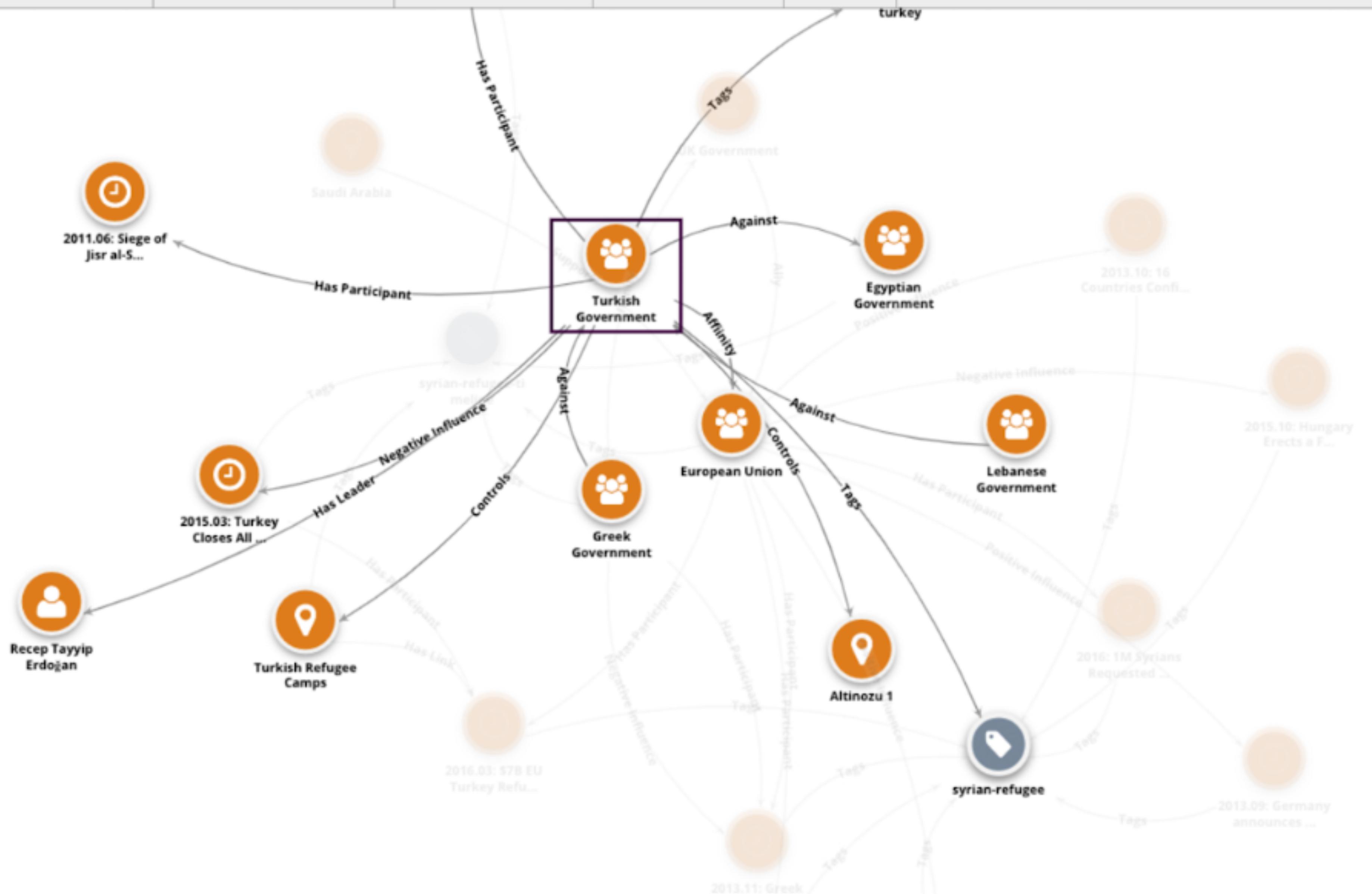
Link Highlighting

 Links Visible

2

 Clear

▲ Time Span: 1 week ▾



EXAMPLE from another Project



Conflict Boards: 3 - Jordan Core Campaign Dynamic

Layout Options



1

Q

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+

□

▲

42

□

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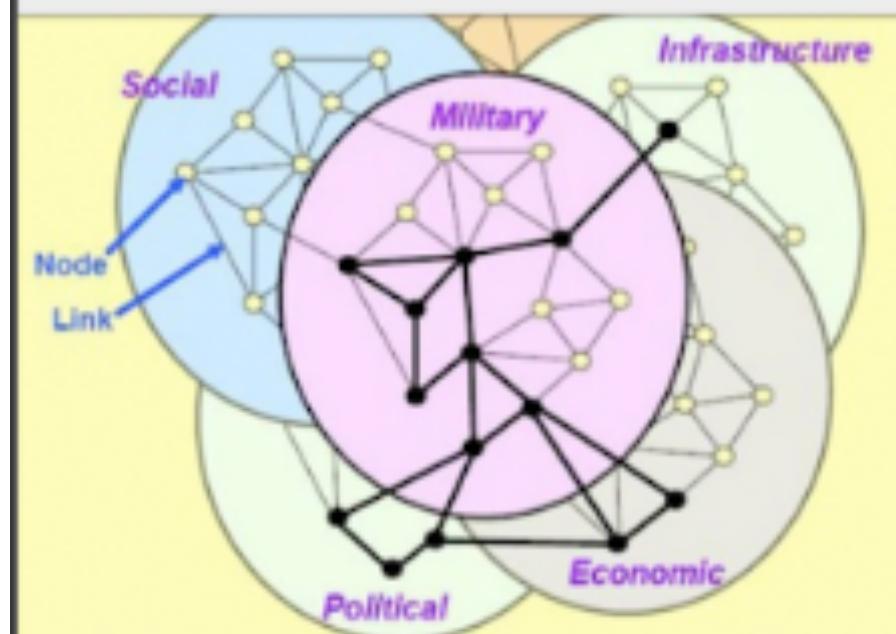
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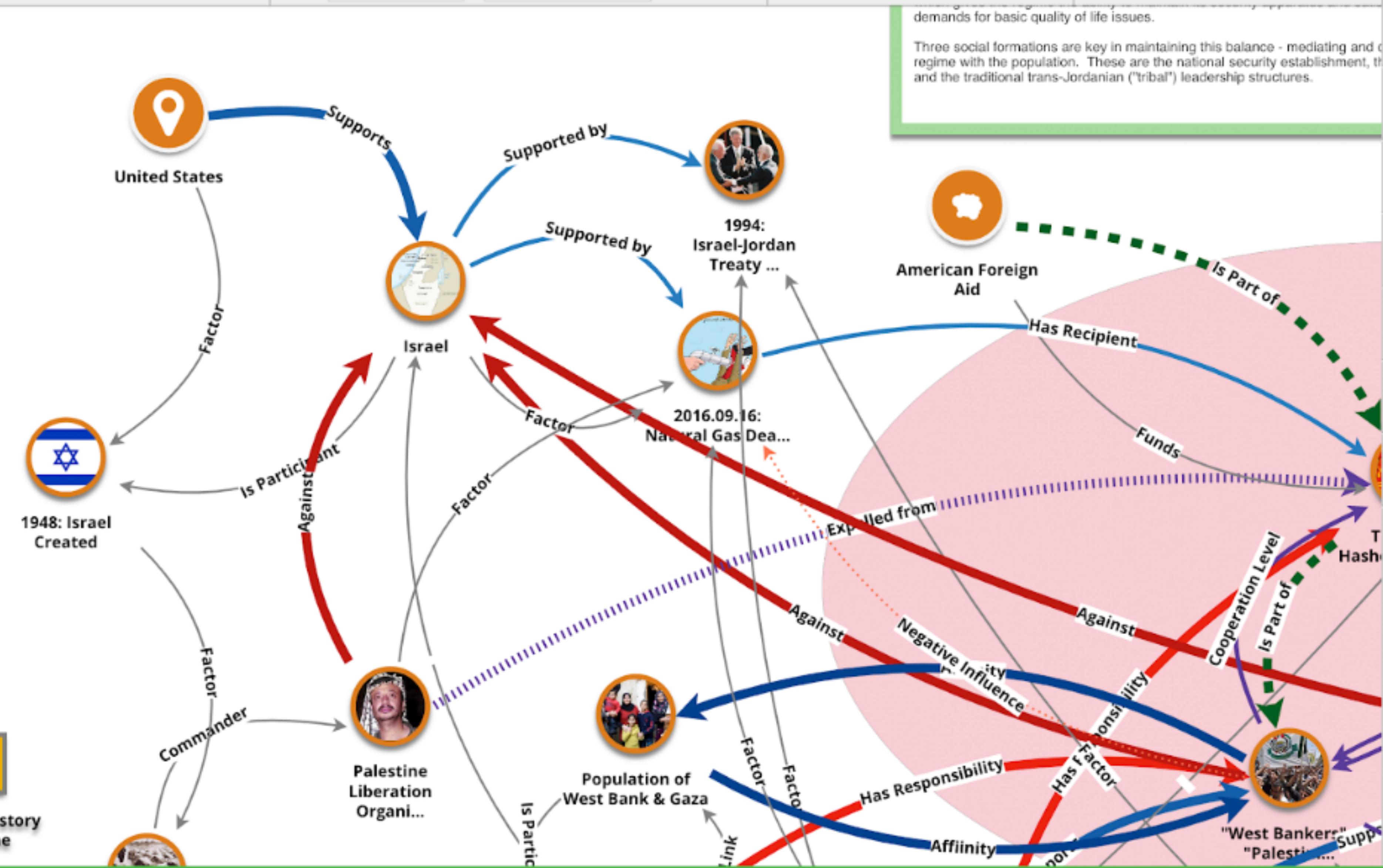


Jordan Stability CGM Overview

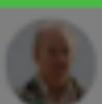
EXAMPLE from another Project



4 Jordan History Timeline



Search



MPhilip Pridmore-Brown ▾

Conflict Boards: 3 - Jordan Conflict Board

Layout Options



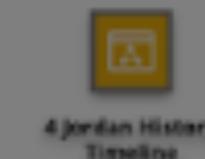
Model Result
Jordan Stability CGM Overview
Enter a note...
Most likely
Worst case
Worst case + ISIS



Jordan Stability CGM Overview



1994: Israel Created



Jordan History Timeline



1948: Arab-Israeli War

Add Link



FROM

1994: Israel-Jordan Treaty of Peace

TO

American Foreign Aid

LINK TYPE

Has Link

LINK SCOPE

Application-wide

DESCRIPTION

EXAMPLE from another Project

 Set Weight

0.00

 Set Date Range

Date

YYYY-MM-DD YYYY-MM YYYY

START



Add Time

END



Add Time

Done

Cancel

4) The narrative tension. Events, Interpretation and pragmatism...

Jordan's history is deeply tied to central issues in the region - the region's relationship with the West, the invasion of Israel, and the internal political struggles between the Palestinian people and Jordan, and different factions within the Palestinian population.

Continuing "master" narratives - long-told within the regional Arabic speaking world - shape interpretations of current events. These master narratives include the "Infidel Invaders" and "Islamic Modernization" narratives - which offer competing interpretive frameworks and guides for action.

Events are interpreted using these master narratives, but also in the context of daily life, its overall quality, and its anticipated trajectory. Thus the evolution of Jordan, its stability, is the product of long-told stories, immediate events, and



During 1994 associated with a significant shift in Jordan's foreign policy, and the two primary population groups within Jordan - the "East Bankers" (or the "Transjordan") and the population displaced in 1948 and 1967 from Israel, and the West Bank and Gaza.

as an institution, and the wider

42

The vision is to move to Identity Ecosystem Map 2.0 on the Knowledge Ecology Interface with a link to Kumu for easier visualizations.

All of the major players in the ecosystem funding projects, pilots and prototypes could all have accounts and be contributing collaborating. All the standards bodies moving the standards work forward can keep their parts of the map current.

Those convening Events can also share the outcomes of their convening and new documents relevant to the field can also be contextualized.

Identity is Complex and there is so much happening having aways to visualize who is doing what where and how it all fits together is of huge value to a vast number of actors in the ecosystem.

Kaliya “Identity Woman” Young

<http://www.identitywoman.net>

@identitywoman

Kaliya@identitywoman.net