

# DATA HARMONIZATION FOR PATIENT-CENTERED CLINICAL RESEARCH

*An Institute of Medicine Workshop  
sponsored by The Patient-Centered Outcomes  
Research Institute*

*31 October – 1 November 2013*

# Data Harmonization from Wikipedia.....



WIKIPEDIA  
The Free Encyclopedia

[Main page](#)  
[Contents](#)  
[Featured content](#)  
[Current events](#)  
[Random article](#)  
[Donate to Wikipedia](#)  
[Wikimedia Shop](#)

▼ [Interaction](#)

[Create account](#) [Log in](#)

Special page

data harmonization

## Search results

For search options, see [Help:Searching](#).

data harmonization

Search

[Content pages](#) [Multimedia](#) [Help and Project pages](#) [Everything](#) [Advanced](#)

Results 1–20 of 742 for **data harmonization**

*The page "[Data harmonization](#)" does not exist. You can ask for it to be created, but consider checking the search results below to see whether the topic is already covered.*

For search help, please visit [Help:Searching](#).

# Data Harmonization – Images as stolen by Google.....

---

---



# Data Harmonization from Lesley Curtis

---

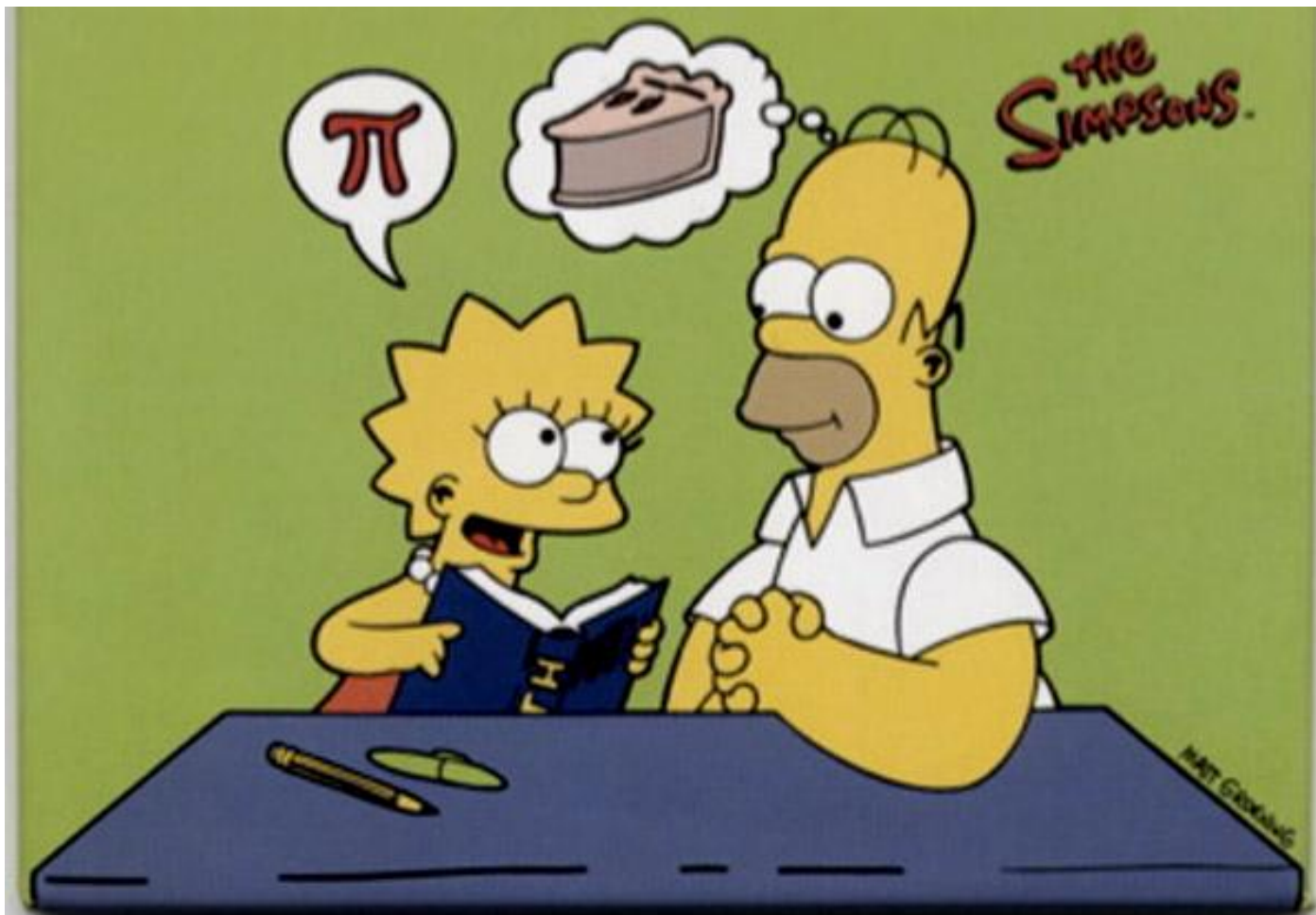
---

The process of transforming data from heterogeneous sources across diverse organizations into a comparable and consistent representation that supports the intended use(s) for evidence generation.

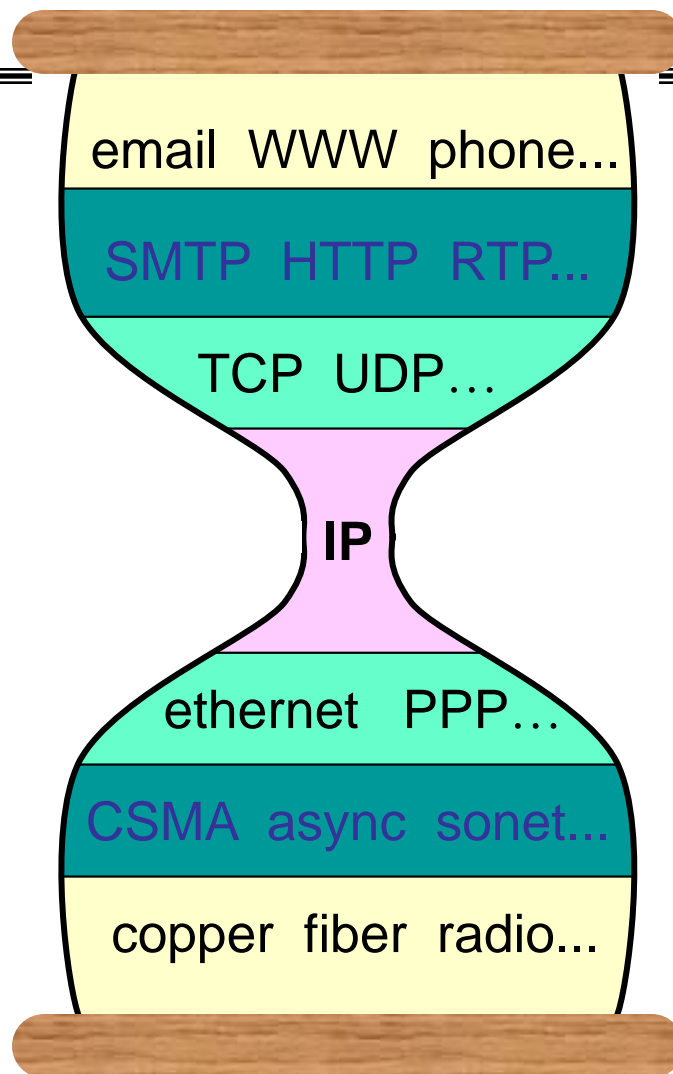
# Rules for the Workshop: Keep it Simple

---

---



# Rules for the Workshop: Keep it Small



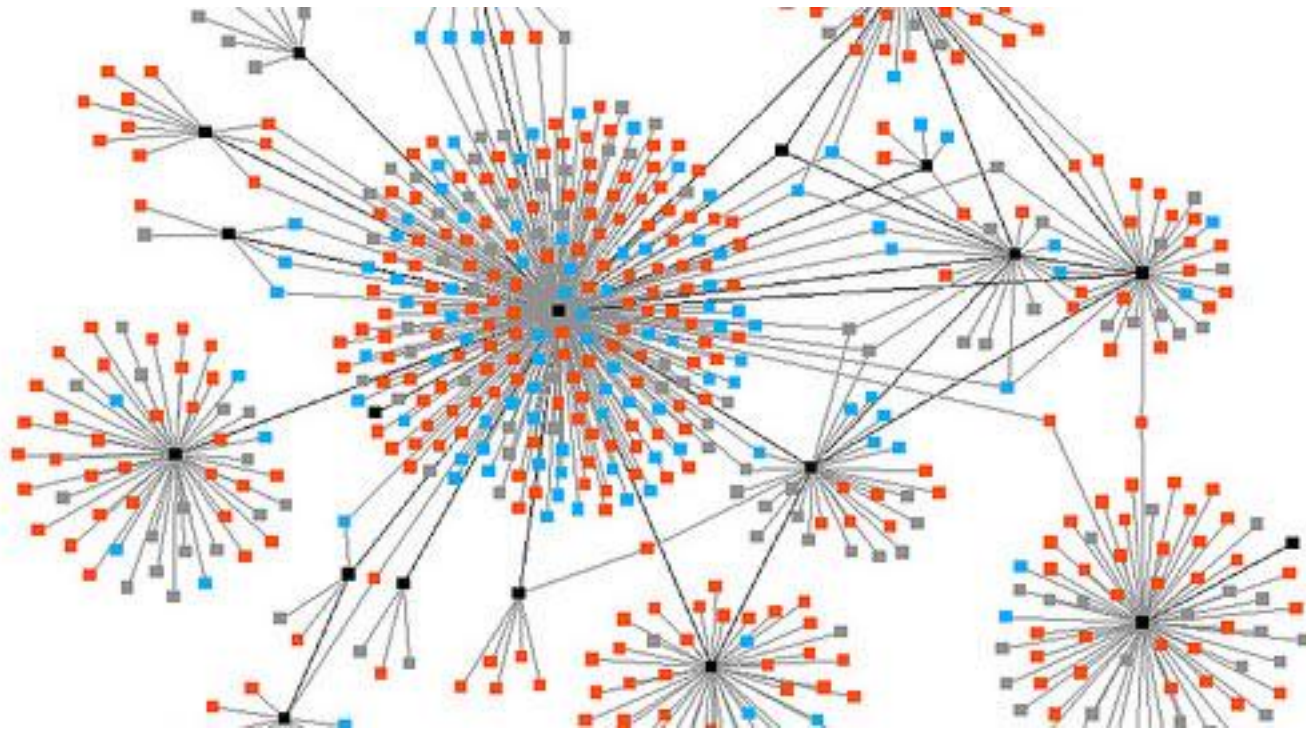
Steve Deering via Chuck  
Friedman and the ESTEL  
group



# Rules for the Workshop: Leverage existing and future work

---

---



## Realities that WILL get in the way

---

---

- Eighteen months to....
  - Build the CDRN and PPRN networks
  - Develop internal and external governance
  - Then harmonize ← we are here!
  - Then query across the networks
- Probably will be ugly and non-scalable
  - We'll call the harmonization “rules” Version 0.1 so it can have all kinds of informatics sins!
  - Just as long as it works to show the value of the vision and investment



## Workshop Goals

---

---

1. **Inform** the work of the Patient Centered Outcomes Research Institute's (PCORI) National Patient-Centered Clinical Research Network (NCRN) awardees and coordinating center in working toward inter-network data harmonization.
2. Reflect on past efforts and current state of the art approaches to help **identify barriers and challenges, share best practices, and identify options for progress** in the area of data harmonization.
3. Identify **strategic priorities for accelerating data interoperability** between PCORI NCRN awardees and existing national data sharing activities.