


Analyzing IETF Data (AID) Workshop



Internet Architecture Board

November 29 - December 2 2021



Welcome to Amsterdam !



UNIVERSITY OF AMSTERDAM



IN-SIGHT:it

Citizenship and
standard-setting in
digital networks



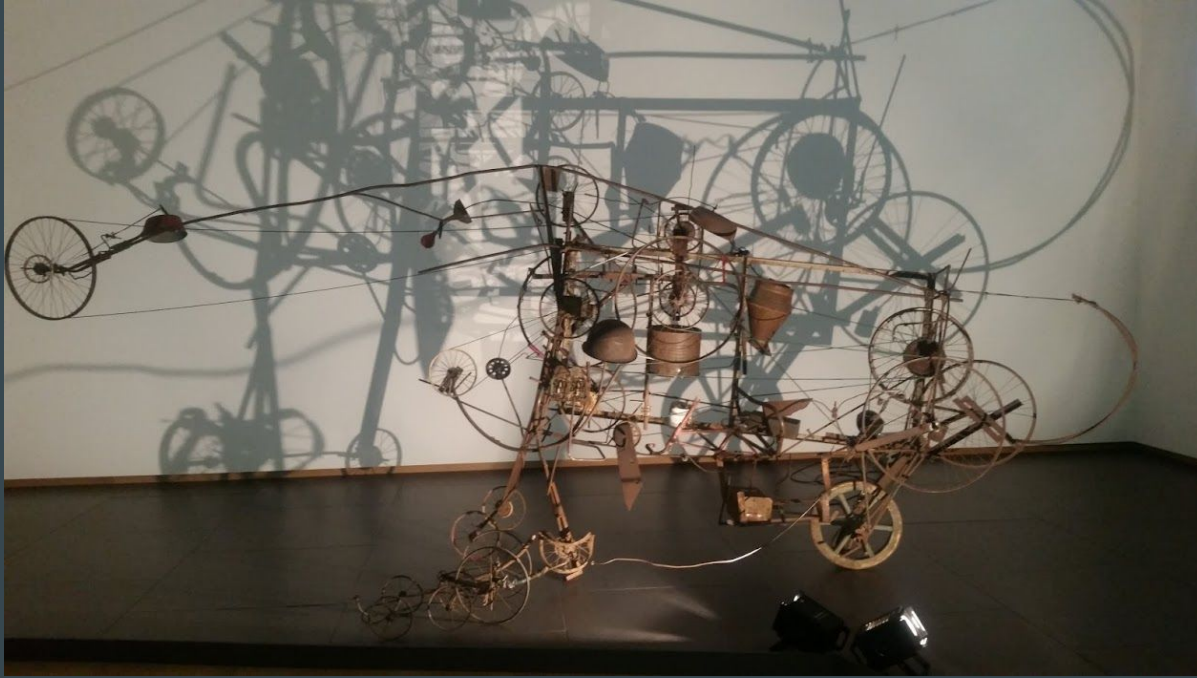
Programme Committee: Niels ten Oever (chair, University of Amsterdam), Colin Perkins (chair, IRTF, University of Glasgow), Corinne Cath (chair, Oxford Internet Institute), Mirja Kühlewind (IAB, Ericsson), Zhenbin Li (IAB, Huawei), Wes Hardaker (IAB, USC/ISI).



Communications standards-setting is norm development for information societies

- Technical standards are public goods
- Markets tend to maintain competing standards, that is why committees outperform markets
- Initially technological development sped up standardization processes

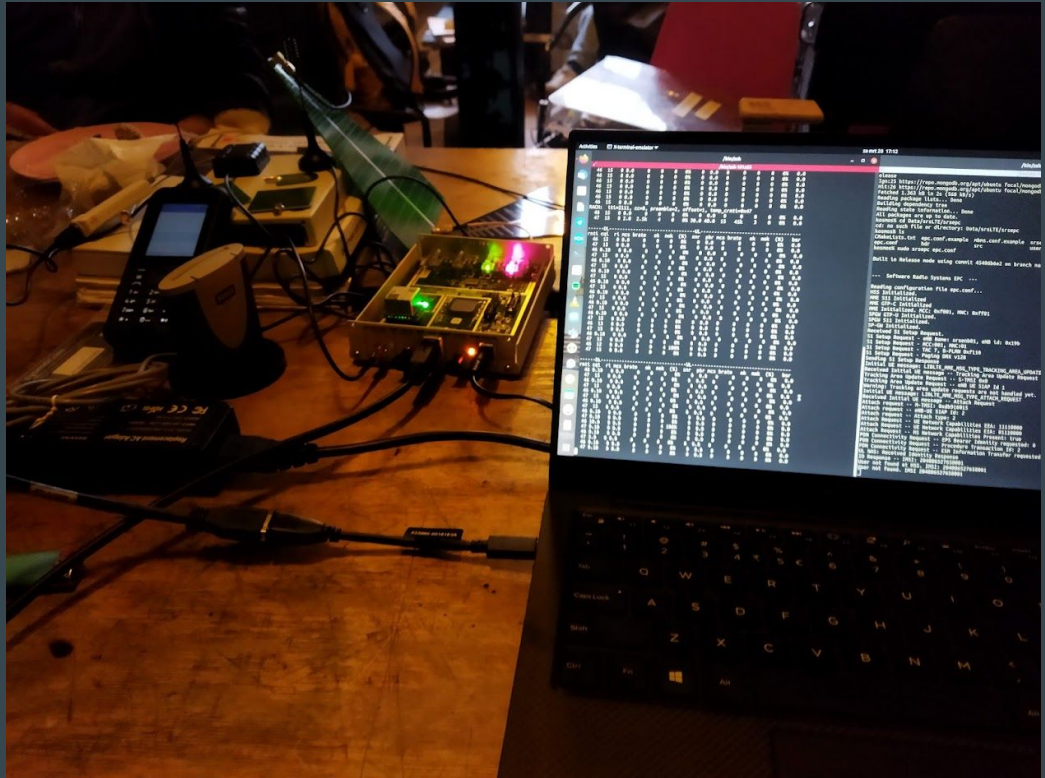




Whereas there seems to be a convergence of industry-led private standardization practices, not all private standardization efforts function in the same way.

There is no consensus on what consensus is.

Procedures, cultures, and (modes of) participation affect both the standards process, its outputs, and its outcomes.



'When I entered the IETF, I was surprised by the lack of the use of data'



#	From		To
7	(For LLC services) A culture where people line up next to people with the same opinions and standing opposite those who disagree	→	(For LLC services) A culture where people line up together facing the data and working together to interpret it
8	(For LLC services) A set of long-standing issues left in the “too hard” basket as the culture of opinion and debate cannot resolve them	→	(For LLC services) An evidence led process in place to address all long-standing issues in the “too hard” basket.
9	Insufficient data on participants and their activities, motivations and expectations to support an evidence-led culture	→	Sufficient high-quality data on participants their activities, motivations, expectations, etc to support an evidence-led culture

From IETF Administrative Strategic Plan 2020

https://www.ietf.org/media/documents/IETF_Administrative_Strategic_Plan_2020.pdf

There is a wealth of IETF data, how can it be used to:

- Improve the IETF and its processes ?
 - Create better standards that see more implementation ?
 - Aid IETF leadership, authors, and community members ?
 - Increase IETF legitimacy ?
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- How to create a community around people that *use* IETF data ?



Workshop agenda

Monday: workshop & discussions

Tuesday: hackathon

Wednesday: hackathon

Thursday: workshop & presentations

Agenda

All times are UTC.

Monday, Nov 29

- 14:00: Opening (Ten Oever)
- 14:15: Tools, data, and methods (Arkko)
- 15:00: Observations on affiliation and industry control (Cath)
- 15:45: Community and diversity (Hardaker)
- 16:30: Break
- 17:00: Publications, process, and decision-making (Perkins)
- 17:45: Taking stock: questions and hacking groups (Kühlewind)
- 18:30: Closing (Cath)
- 19:00: End of Day

Tuesday, November 30

- 14:00-18:00: Hackathon
- 16:00-16:30: Sync-up

Wednesday, December 1

- 14:00-18:00: Hackathon
- 16:00-16:30: Sync-up

Thursday, December 2

- 14:00: Opening (Li)
- 14:15: Environmental Sustainability – initial results (Perkins)
- 14:45: Break
- 15:15: Result presentation (Ten Oever)
- 17:30: Wrap-up (Cath and Kühlewind)
- 18:00: End of Day

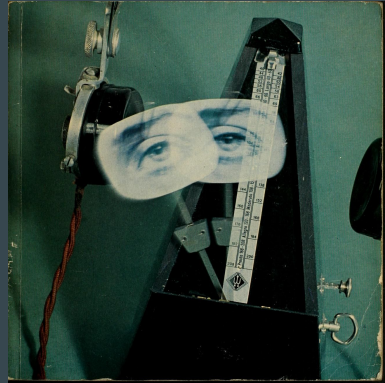
Housekeeping for today

- We want to create an environment with you in which all participants can and will actively participate
 - When not speaking, please mute your microphone.
 - If you want to speak, please raise your hand.
 - Be mindful of background noise.
 - If possible, keep your camera on to increase interaction.
 - Avoid multi-tasking.
 - Feel free to also use the chat for discussion
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- The workshop will be recorded and published online
 - The programme committee will write a workshop report



Goal of today

- Understand what data there is
 - Understand what tools there are to analyze the data
 - Have an understanding of what analysis has been done
 - What methods and data are (still) missing to answer relevant questions
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- Basis for an research agenda for IETF data to inform hackathon as well as future research and development
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- If you don't have a group or project for the hackathon - let us know!



- Webex (Monday & Thursday)
<https://ietf.webex.com/ietf/j.php?MTID=m21188784bbc930326ae720b541fb84a5>
- Webex (Tuesday & Wednesday)
<https://ietf.webex.com/ietf/j.php?MTID=m903c4c4ba7a2ba0cad083fa264f25111>
- Slack (Tuesday & Wednesday)
https://join.slack.com/t/ietf/shared_invite/zt-xzt9xf01-IEBN95AqNeK1UTNQa_dF7A
- Gather (Tuesday & Wednesday)
<https://gather.town/app/L4fNNdm1NJalsE2v/ietf>
- Website + papers
<https://www.iab.org/activities/workshops/aid/>
- Github (presentations for Monday & Thursday)
<https://github.com/intarchboard/workshop-aid>