

ICNRG Meeting

Prague

Information-Centric Networking Research Group
Wednesday, July 19th, 2017

Chairs' Slides

Dirk Kutscher
Börje Ohlman
Dave Oran

IRTF IPR Policy

The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules. This is a summary of these rules as they relate to IRTF research group discussions, mailing lists and Internet Drafts:

- If you include your own or your employer's IPR in a contribution to an IRTF research group, then you must file an IPR disclosure with the IETF.
- If you recognize your own or your employer's IPR in someone else's contribution and you are participating in the discussions in the research group relating to that contribution, then you must file an IPR disclosure with the IETF. Even if you are not participating in the discussion, the IRTF still requests that you file an IPR disclosure with the IETF.
- Finally, the IRTF requests that you file an IPR disclosure with the IETF if you recognize IPR owned by others in any IRTF contribution.

The IRTF expects that you file IPR disclosures in a timely manner, i.e., in a period measured in days or weeks, not months. The IRTF prefers that the most liberal licensing terms possible are available for IRTF Stream documents, see RFC 5743. You may file an IPR disclosure here: <http://www.ietf.org/ipr/file-disclosure>

See RFC 3979 (BCP 79) for definitions of "IPR" and "contribution" and for the detailed rules (substituting "IRTF" for "IETF").

ICNRG Administrativa

- IRTF RG on Information-Centric Networking
- Mailing list: icnrg@irtf.org
- Web: <http://irtf.org/icnrg>
- Wiki: <http://trac.tools.ietf.org/group/irtf/trac/wiki/icnrg>
- Github: <https://github.com/icnrg>
- Chairs
 - Dirk Kutscher (Huawei)
 - Börje Ohlman (Ericsson Research)
 - Dave Oran (Network Systems Research Design)
- This meeting
 - **Note taker: ???**
 - Etherpad: <http://etherpad.tools.ietf.org:9000/p/notes-ietf-98-icnrg>
 - Meeting Materials: <https://datatracker.ietf.org/meeting/98/session/icnrg>

ICNRG Wednesday Agenda

- Welcome, Agenda Bashing, Minutes taker, Bluesheets, Status - Chairs (5 min)
- Chairs report: - Chairs (10 min)
 - ICNRG interim meetings - Sunday
 - Results of Last Call on CCNx protocol documents:
 - <https://datatracker.ietf.org/doc/draft-irtf-icnrg-ccnxmessages/>
 - <https://datatracker.ietf.org/doc/draft-irtf-icnrg-ccnxsemantics/>
- Status update and discussion on revised ICN-LTE document: <https://datatracker.ietf.org/doc/draft-suthar-icnrg-icn-lte-4g/> - Prakash Suthar (20 mins)
- Status update and discussion on revised ICN deployment Guidelines Document: <https://datatracker.ietf.org/doc/draft-rahman-icnrg-deployment-guidelines/> - Akbar Rahman (15 min)
- Status update and discussion on revised Using ICN in disaster scenarios draft: <https://datatracker.ietf.org/doc/draft-irtf-icnrg-disaster/> - Jan Seedorf (20 min)

ICNRG Wednesday Agenda (cont)

- IoT and ICN discussion
 - Presentation/discussion of [Publish-Subscribe Deployment Option for NDN in the Constrained Internet of Things](#) - Cenk Gündoğan (20 min)
 - Status update and discussion on revised (update will be provided before meeting) Support for Notifications in CCN: <https://datatracker.ietf.org/doc/draft-ravi-icnrg-ccn-notification/> - Ravi Ravindran (15 min)
 - Status update and discussion on revised Design Considerations for Applying ICN to IoT draft: <https://datatracker.ietf.org/doc/draft-zhang-icnrg-icniot/> - Ravi Ravindran (15 min)
 - Status update and discussion on revised (update will be provided before meeting) ICN based Architecture for IoT: <https://datatracker.ietf.org/doc/draft-zhang-icnrg-icniot-architecture/>
- Ravi Ravindran (15 min)
 - Wrap up - Chairs (10 min)
 - Upcoming ICN events
 - ACM ICN-2017 conference, September 26-28, 2017 Berlin
 - ICNRG Interim meeting, September 29, 2017, Berlin
 - Future ICNRG meetings
 - ICNRG @ IETF100, Singapore, November 12-17, 2017
 - a. Regular?
 - b. Sunday Interim?

ICNRG Sunday Summary

- **Readout from ICN/IoT Workshop in Stockholm**
- **Readout from Intel-NSF Research Program kickoff June 21-22**
- Research Talks from ICN 2017 TPC members
 - **New NSF CC* project on using NDN for data-intensive science** - Edmund Yeh
 - **ICE-AR under the NSF/Intel ICN-WEN program**
 - **ICN Network coding** - Cedric Westphal
 - **Keyword-Based Mobile Application Sharing** Ioannis Psaras
- **Update on CICN Community Open Source work** - Luca Muscariello
- **Configuration/management and control of an CICN network demo** - Marcel Enguehard

ICNRG Sunday Summary

- **Update on Harmonization Work** - Alex
- **ICN Principles Discussion** - DaveO/AlexA/etc
- **Research and Development of the Hyper-connected IoE Network Technology** - Jungha Hong
- **Status update and discussion on Terminology**
Document: <https://datatracker.ietf.org/doc/draft-wissingh-icnrg-terminology/> - Bastiaan Wissingh
- **Status update and discussion on revised Enabling Network Identifier draft:** <https://datatracker.ietf.org/doc/draft-azgin-icnrg-ni/> - Ravi Ravindran
- **Status update and discussion on revised Requirements for Name Resolution Service in ICN**
draft: <https://datatracker.ietf.org/doc/draft-jhong-icnrg-nrs-requirements/> - Jungha Hong
- **Introduction to the draft The Consideration for the Application of Multi-Service Tag:** <https://datatracker.ietf.org/doc/draft-xia-icn-multiservtag/> - Duan

Wrap-Up

- Upcoming ICN events
 - ACM ICN-2017 conference, September 26-28, 2017 Berlin
 - ICNRG Interim meeting, September 29, 2017, Berlin
 - Future ICNRG meetings
- IEEE Communications Magazine Feature Topic on Information-Centric Networking Security
 - Manuscript Submission Deadline: November 1, 2017