This session is being recorded

IETF 117 Hackathon
22-23 July 2023

IETF 117 San Francisco
hosted by Nokia
Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF’s patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- https://www.ietf.org/privacy-policy/(Privacy Policy)
Code Contribution Guidelines

• Participants can work on any code
• Rules regarding code are per participant's organization and the code’s license
• The code itself is NOT an IETF contribution
• Discussions, presentations, and demos in Hackathon are IETF contributions. In this context, Hackathon is like a working group, and the usual IETF copyright and IPR disclosure rules apply
Agenda - Sunday

• **09:30** : Room opens - pastries and coffee provided
• **12:30** : Lunch provided
• **13:30** : Hacking stops, prepare brief presentation of project
• **14:00** : Project results presentations, Meetecho
• **16:00** : Hackathon ends
Results Presentations

1. What problem you tried to solve?
2. What you achieved?
3. Highlights
   • Lessons learned
   • Feedback to working group
   • Open source, other SDOs

3 minutes or less
https://github.com/ietf-hackathon
https://github.com/ietf-hackathon
https://github.com/IETF-Hackathon/ietf117-project-presentations
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IETF 117 project presentations

This repo is for IETF Hackathon participants to upload project presentations. For convenience, presentation templates are provided in PPTX and HTML formats, the latter of which can be viewed online if it is put in the main branch. For the HTML format, a corresponding pdf is automatically generated from the HTML file by a GitHub action and put in the pdfs-from-html branch.

The use of these templates is optional. If you do use one of these templates, please rename the file such that it clearly identifies your project, e.g., includes the name or acronym of your project. The contents of this repo will be used as the source for all project presentations at the end of the Hackathon and remain as a reference after the Hackathon. Presenters are encouraged to run their own presentations using the screen sharing functionality in Meetecho. Alternatively, the Hackathon Chairs can share your presentation and advance slides for you. For portability, please upload your presentation in PDF or HTML format.

You MUST be a member of the IETF-Hackathon GitHub org to add or update a presentation.

To be added as a member, please be sure to:

- include the name by which you are known as part of your in your GitHub profile
- enable two-factor authentication (2FA)
- send your GitHub username to hackathon-chairs@ietf.org

DO NOT WAIT until just before project presentations start or your request may be lost in the chaos.

For more info on the Hackathon, including the complete and most up to date agenda, please see the Hackathon Wiki.
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related-implementations

• For individual drafts, authors can edit “Additional resources”
• For working group drafts and RFCs, working group chairs can edit
related-implementations

github_repo https://github.com/eckelcu/draft-eckel-edm-find-code
(GitHub repository to collaborate on draft)

related_implementations https://datatracker.ietf.org/doc/rfc9311/
(Example implementation in RFC 9311)

Format: 'tag value (Optional description)'. Separate multiple entries with newline. When
the value is a URL, use https:// where possible.
Links to standards and code in wikis

Network Telemetry - IPFIX SRv6 data-plane visibility

- Champion(s)
  - Thomas Graf (thomas.graf at swisscom.com)
  - Maxence Younssi (maxence.younssi at insa-lyon.fr)
- Draft(s)

Project info
- Extend IPFIX SRv6 data-plane dissection in Wireshark.

Network Telemetry - BMP Path Marking Implementation

- Champion(s)
  - Thomas Graf (thomas.graf at swisscom.com)
  - Maxence Younssi (maxence.younssi at insa-lyon.fr)
- Draft(s)

Project info
- Extend BMP implementation in Frrouting with Path Marking.
Hackdemo Happy Hour

• Share hackathon projects with IETF Community
• Room: Golden Gate 2-3 (Lobby Level)
• Monday 18:30 - 19:30
• Register your team
  – MUST REGISTER BY 13:00 MONDAY, 24 JULY
Code Lounge

- Room: Golden Gate 2-3 (Lobby Level)
- Space reserved in IETF lounge from Tuesday onwards
- Collaborate on running code
- Schedule time for your team
Running Code Sponsors - THANK YOU!
Questions?