

IETF 117 Hackathon

22-23 July 2023

This session is being recorded

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.

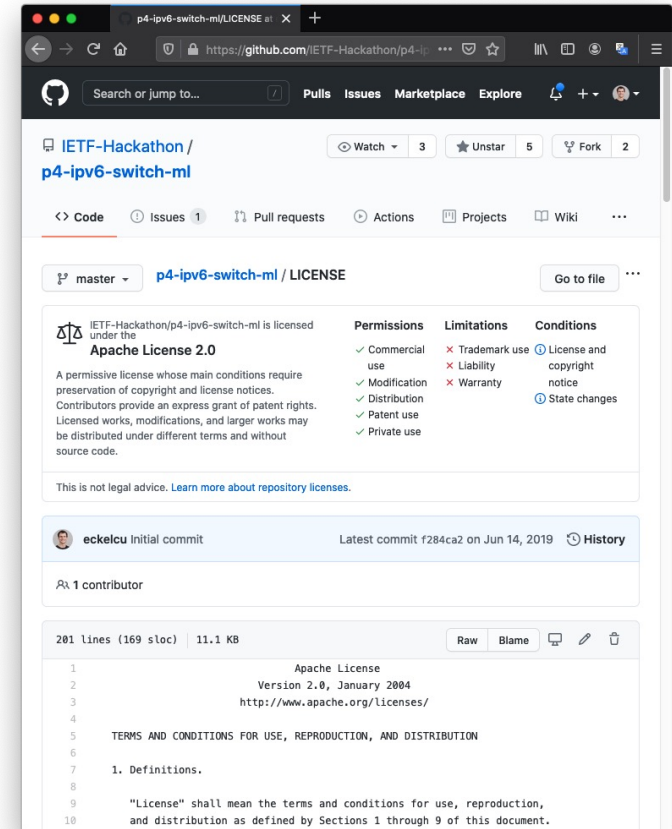
Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [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>

 IETF-Hackathon



Q Type to search

 Overview  Repositories 34  Projects 1  Packages  Teams  People 193  Settings




IETF-Hackathon

Repository for sharing code, presentations, and other artifacts at IETF hackathons


 37 followers  hackathon@ietf.org


Follow

Pinned




 **ietf117-project-presentations** Public


Project results presentations at end of Hackathon




 HTML

 **pqc-certificates** Public

Post-quantum cryptography certificates


 Shell  16  12

 **mDNSResponder** Public

 C  53  10






Repositories

Q Find a repository...

Type Language Sort 






pqc-certificates Public

Post-quantum cryptography certificates

 Shell  16  12  8  1 Updated yesterday

ietf117-project-presentations Public

Project results presentations at end of Hackathon


 HTML  0  0  0  0 Updated on May 16

Discussions


Set up discussions to engage with your community!

[Turn on discussions](#)

People





[View all](#)








 Invite someone


IETF Hackathon

<https://github.com/ietf-hackathon>

 IETF-Hackathon



Q Type to search

 Overview  Repositories 34  Projects 1  Packages  Teams  People 193  Settings




IETF-Hackathon

Repository for sharing code, presentations, and other artifacts at IETF hackathons


 37 followers  hackathon@ietf.org


Follow

Pinned




 **ietf117-project-presentations** Public


Project results presentations at end of Hackathon




 HTML

 **pqc-certificates** Public

Post-quantum cryptography certificates

 Shell  16  12

 **mDNSResponder** Public

 C  53  10






Repositories


Q Find a repository...

Type Language Sort New

pqc-certificates Public






Post-quantum cryptography certificates


 Shell  16  12  8  1 Updated yesterday




ietf117-project-presentations Public

Project results presentations at end of Hackathon

 HTML  0  0  0  0 Updated on May 16



 View as: **Public**

You are viewing the README and pinned repositories as a public user.

You can [create a README file](#) visible to anyone.


[Get started with tasks](#) that most successful organizations complete.

Discussions


Set up discussions to engage with your community!

[Turn on discussions](#)

People










[View all](#)

 Invite someone


IETF Hackathon





<https://github.com/IETF-Hackathon/ietf117-project-presentations>




 IETF-Hackathon / ietf117-project-presentations




[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)


 **ietf117-project-presentations** Public





 Edit Pins  Unwatch 6  Fork 0  Star 0


 main  2 branches  0 tags

[Go to file](#) [Add file](#) [Code](#)

 **Your main branch isn't protected**
Protect this branch from force pushing or deletion, or require status checks before merging. [Learn more](#) [Protect this branch](#)

 **bjovereinder** updated templates to ietf117 ✓ 85070ea on May 16 🕒 2 commits

 .github/workflows	initial commit ietf117 repo	2 months ago
 README.md	initial commit ietf117 repo	2 months ago
 presentation-template.html	updated templates to ietf117	2 months ago
 presentation-template.pptx	updated templates to ietf117	2 months ago






README.md 

IETF 117 project presentations

This repo is for IETF Hackathon participants to upload project presentations. For convenience, presentation

About

Project results presentations at end of Hackathon

 Readme
 Activity
 0 stars
 6 watching
 0 forks

[Report repository](#)

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

<https://github.com/IETF-Hackathon/ietf117-project-presentations>

The screenshot shows the GitHub repository page for `IETF-Hackathon / ietf117-project-presentations`. The repository is public and has 2 branches, 0 tags, and 0 stars. A red box highlights the file list section, which includes:

- `github/workflows`: initial commit ietf117 repo (2 months ago)
- `README.md`: initial commit ietf117 repo (2 months ago)
- `presentation-template.html`: updated templates to ietf117 (2 months ago)
- `presentation-template.pptx`: updated templates to ietf117 (2 months ago)

The repository description states: "This repo is for IETF Hackathon participants to upload project presentations. For convenience, presentation".

README

README.md



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](#).

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

Environments 1

[github-pages](#) Active

Languages

● HTML 100.0%

README

README.md



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](#).

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

Environments 1

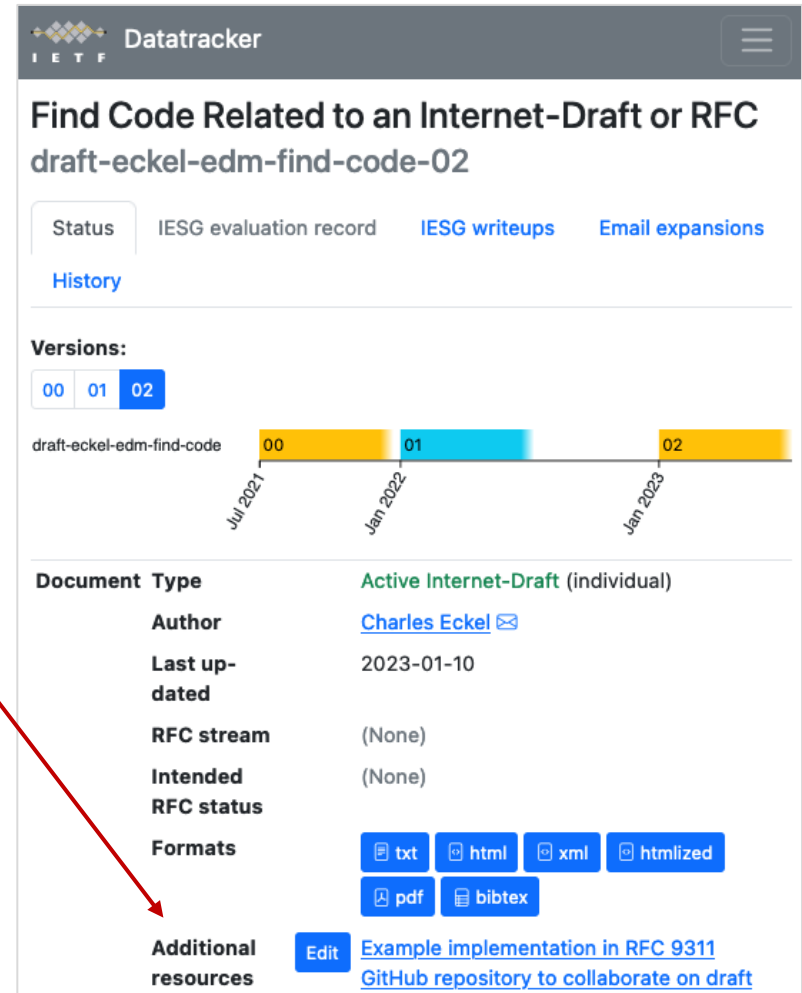
[github-pages](#) Active

Languages

● HTML 100.0%

related-implementations

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



IETF Datatracker

Find Code Related to an Internet-Draft or RFC

draft-eckel-edm-find-code-02

Status IESG evaluation record IESG writeups Email expansions History

Versions:

00 01 02

draft-eckel-edm-find-code

00 Jul 2021 01 Jan 2022 02 Jan 2023

Document Type Active Internet-Draft (individual)

Author [Charles Eckel](#) ✉

Last updated 2023-01-10

RFC stream (None)

Intended RFC status (None)

Formats [txt](#) [html](#) [xml](#) [htmlized](#) [pdf](#) [bibtex](#)

Additional resources [Edit](#) [Example implementation in RFC 9311](#) [GitHub repository to collaborate on draft](#)


related-implementations

Additional Resources

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.

 Datatracker

Find Code Related to an Internet-Draft or RFC
draft-eckel-edm-find-code-02

Status IESG evaluation record IESG writeups Email expansions

History

Versions:

00 01 02

draft-eckel-edm-find-code

00 01 02

Jul 2021 Jan 2022 Jan 2023







Document Type Active Internet-Draft (individual)

Author [Charles Eckel](#) ✉

Last updated 2023-01-10

RFC stream (None)

Intended RFC status (None)

Formats  txt  html  xml  htmlized  pdf  bibtex

Additional resources [Edit](#) [Example implementation in RFC 9311](#)
[GitHub repository to collaborate on draft](#)

Links to standards and code in wikis

<https://wiki.ietf.org/en/meeting/117/hackathon>

Network Telemetry - IPFIX SRv6 data-plane visibility

▶ Champion(s)

- ▶ Thomas Graf (thomas.graf at [swisscom.com](https://www.swisscom.com) ⓘ)
- ▶ Maxence Younsi (maxence.younsi at [insa-lyon.fr](https://www.insa-lyon.fr) ⓘ)

▶ Draft(s)

- ▶ <https://datatracker.ietf.org/doc/html/draft-ietf-opsawg-ipfix-srv6-srh> ⓘ

▶ 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](https://www.swisscom.com) ⓘ)
- ▶ Maxence Younsi (maxence.younsi at [insa-lyon.fr](https://www.insa-lyon.fr) ⓘ)

▶ Draft(s)

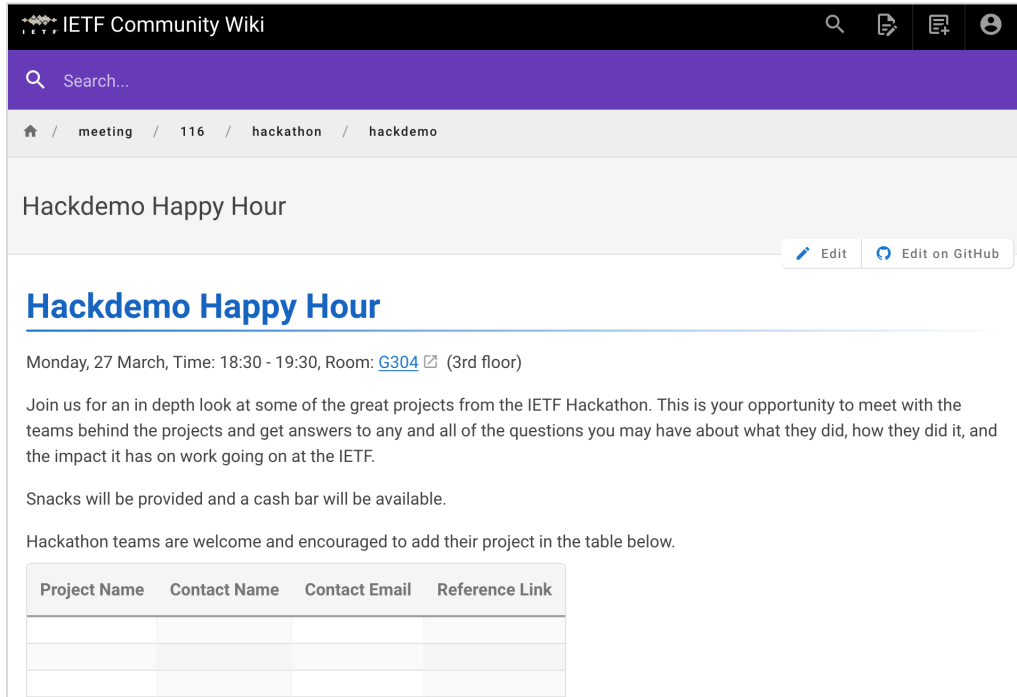
- ▶ <https://datatracker.ietf.org/doc/html/draft-cppy-grow-bmp-path-marking-tlv> ⓘ

▶ Project info

- ▶ Extend BMP implementation in ErROUTING 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**



The screenshot shows the IETF Community Wiki page for 'Hackdemo Happy Hour'. The page has a purple header with a search bar and navigation icons. Below the header, the breadcrumb trail is 'home / meeting / 116 / hackathon / hackdemo'. The main title is 'Hackdemo Happy Hour' with 'Edit' and 'Edit on GitHub' buttons. The content includes the date and time 'Monday, 27 March, Time: 18:30 - 19:30, Room: [G304](#) (3rd floor)', a paragraph about the event, a note about snacks and a cash bar, and a statement that Hackathon teams are welcome to add their projects to a table. The table has four columns: 'Project Name', 'Contact Name', 'Contact Email', and 'Reference Link', with three empty rows below the header.

ETF Community Wiki

Search...

home / meeting / 116 / hackathon / hackdemo

Hackdemo Happy Hour

Edit Edit on GitHub

Hackdemo Happy Hour

Monday, 27 March, Time: 18:30 - 19:30, Room: [G304](#) (3rd floor)

Join us for an in depth look at some of the great projects from the IETF Hackathon. This is your opportunity to meet with the teams behind the projects and get answers to any and all of the questions you may have about what they did, how they did it, and the impact it has on work going on at the IETF.

Snacks will be provided and a cash bar will be available.

Hackathon teams are welcome and encouraged to add their project in the table below.

Project Name	Contact Name	Contact Email	Reference Link

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

Community Wiki

Meeting / 117 / hackathon / codelounge

117 Code Lounge

Edit Edit

Code Lounge

Tuesday - Friday, 25-28 July, Room: [Golden Gate 2, Lobby Level](#)

The Code Lounge provides a space for groups to informally meet to brainstorm, code, and test ideas. The area will be closed off by signage.

You are encouraged to look at the final agenda and determine time slots best suited to ensure successful attendance at Code Lounge sessions as well as any traditional working group sessions. **It is okay for multiple groups to sign up for the same time slots. This is in fact encouraged for work that spans multiple working groups.**

Please sign up for a time slot below by entering your working group or Hackathon project acronym.

	Monday, 24 July	Tuesday, 25 July	Wednesday, 26 July	Thursday, 27 July	Friday, 28 July
08:00	Lounge Closed	L4S/AccECN	L4S/AccECN	L4S/AccECN	L4S/AccECN
10:00	Lounge Closed	L4S/AccECN	L4S/AccECN	L4S/AccECN	L4S/AccECN
12:00	Lounge Closed	L4S/AccECN	L4S/AccECN	L4S/AccECN	L4S/AccECN
14:00	Lounge Closed	L4S/AccECN	L4S/AccECN	L4S/AccECN	Lounge Closed
16:00	Lounge Closed	L4S/AccECN	L4S/AccECN	L4S/AccECN	Lounge Closed

Running Code Sponsors - THANK YOU!



Questions?





* Photos thanks to © [Stonehouse Photographic](#) / Internet Society