

IETF Hackathon

IETF 105
20-21 July 2019
Montreal

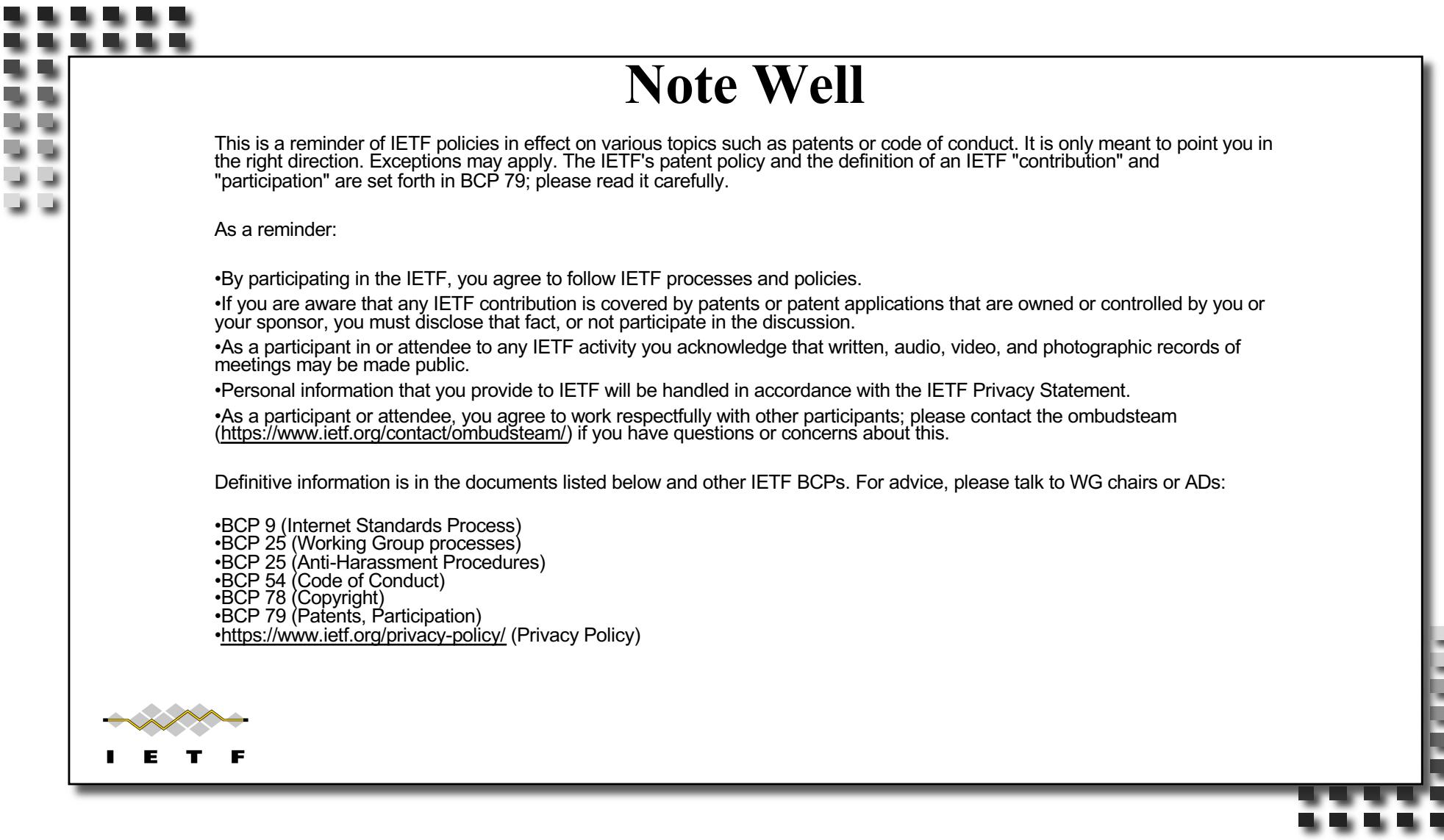


Welcome

- First IETF event?
- First IETF Hackathon?
- Not attending IETF meeting?

Why Are We Here

- Advance pace and relevance of IETF standards
 - Bring speed and collaborative spirit of open source software into the IETF
 - Flush out ideas, feed into WG session
 - Produce sample code/reference implementations, utilities
- Attract developers, young people to IETF
 - Match young, skillful developers with IETF veterans
 - University engagement around hackathon projects



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)



IPR and Code Contribution Guideline

- Hackathon participants free to work on any code
- Rules regarding that code are what each participant's organization and/or open source project says they are
- The code itself is NOT an IETF contribution
- Discussions, presentations, and demos done as part of the hackathon are the same type of IETF contributions as those made in working groups; therefore, the usual IETF copyright and/or IPR disclosure rules apply

Agenda - Saturday

- 08:30: Room open for setup by project champions
- 09:00: Room open for all - Pastries and coffee provided
- 09:30: Hackathon kickoff ([Join via Meetecho](#))
- 09:45: Form Teams
- 12:30: Lunch provided
- 15:30: Afternoon break - Snacks provided
- 19:00: Dinner provided
- 22:00: Room closes

Agenda - Sunday

- 08:30: Room opens - Pastries and coffee provided
- 12:30: Lunch provided
- 13:30: Hacking stops, prepare brief presentation of project
- 14:00: Project presentations to other participants
(Join via Meetecho)
- 15:45: Closing remarks and opportunities for next time
- 16:00: Hackathon ends
- 17:00: Tear down complete

Project Presentations

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

3 minute max



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



IETF-Hackathon
Repository for sharing code, presentations, and other artifacts at IETF hackathons
[✉ hackathon@ietf.org](mailto:hackathon@ietf.org)

[!\[\]\(b16059d7582cfbd44776b82254580985_img.jpg\) Repositories 18](#) [!\[\]\(0b8f49e0c64801d8c09ef0d56596c741_img.jpg\) Packages](#) [!\[\]\(0b207baea02210235291f876f475cb97_img.jpg\) People 83](#) [!\[\]\(72b6e0b1a7e921c9e72b9261acc237db_img.jpg\) Teams](#) [!\[\]\(e7212aa47fc4421de21612afba68e430_img.jpg\) Projects](#) [!\[\]\(1013f164ce5652a7cf35ef87df2e371c_img.jpg\) Settings](#)

Pinned repositories

Customize pinned repositories

 i1f105-project-presentations Presentations of project results at end of hackathon ★ 1	 openwrt Forked from openwrt/openwrt This repository is a mirror of https://git.openwrt.org/openwrt/openwrt.git It is for reference only and is not active for check-ins or for reporting issues. We will continue to accept Pull Requests... ● C ★ 1	 linux-user-space-ipv6-mcast Linux user-space code to join new ipv6 link-local multicast address ● C ★ 1
 mDNSResponder ● C ★ 21 ⚡ 3	 p4-ipv6-switch-ml p4-16 IPv6 program for use by switch ml ● P4 ★ 2 ⚡ 1	 Yang-Catalog Yang Catalog ● Python ★ 1 ⚡ 1

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

 IETF-Hackathon
Repository for sharing code, presentations, and other artifacts at IETF hackathons
✉️ hackathon@ietf.org

[Repositories 18](#) [Packages](#) [People 83](#) [Teams](#) [Projects](#) [Settings](#)

Pinned repositories

[ietf105-project-presentations](#)
Presentations of project results at end of hackathon
★ 1

[openwrt](#)
Forked from openwrt/openwrt
This repository is a mirror of <https://git.openwrt.org/openwrt/openwrt.git>. It is for reference only and is not active for check-ins or for reporting issues. We will continue to accept Pull Requests...
● C ★ 1

[linux-user-space-ipv6-mcast](#)
Linux user-space code to join new ipv6 link-local multicast address
● C ★ 1

[mDNSResponder](#)
● C ★ 21 ⚡ 3

[p4-ipv6-switch-ml](#)
p4-16 IPv6 program for use by switch ml
● P4 ★ 2 ⚡ 1

[Yang-Catalog](#)
Yang Catalog
● Python ★ 1 ⚡ 1

Customize pinned repositories

 IETF-Hackathon / [ietf105-project-presentations](#)

[Watch](#) 0 [Unstar](#) 1 [Fork](#) 0

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

Branch: master [ietf105-project-presentations](#) / [README.md](#) [Find file](#) [Copy path](#)

 [eckelcu](#) Update README.md 1f0f012 24 days ago

[1 contributor](#)

10 lines (5 sloc) | 1008 Bytes [Raw](#) [Blame](#) [History](#)   

ietf105-project-presentations

This repo is for IETF hackathon participants to upload their hackathon project presentations. The contents of this repo will be used as the source for all project presentations at the end of the hackathon. Presentations will be presented from a shared ChromeBook at the front of the hackathon room.

You MUST be a [member](#) of the [IETF-Hackathon](#) GitHub org to upload a new presentation or update/replace an existing presentation.

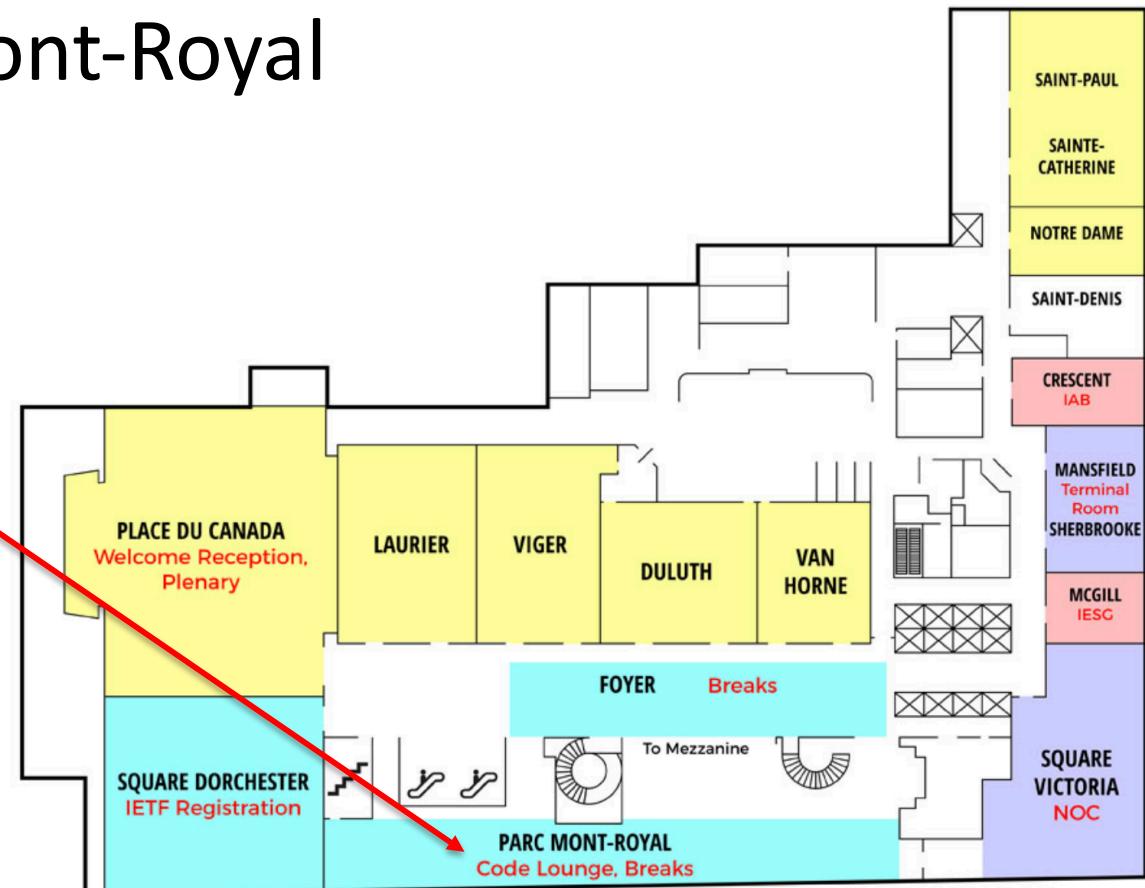
To be added as a member, send your GitHub ID to [Charles Eckel](#) at your earliest convenience. DO NOT WAIT until just before hackathon project presentations start or your request may be lost in the chaos.

For more info on the hackathon, including the complete and updated agenda, please see the [Hackathon Wiki](#).

Hackdemo Happy Hour

2nd Floor, Parc Mont-Royal

- Share hackathon projects with IETF Community
- Monday 18:10 - 19:40
- Register your team
 - MUST REGISTER BY 1200 MONDAY

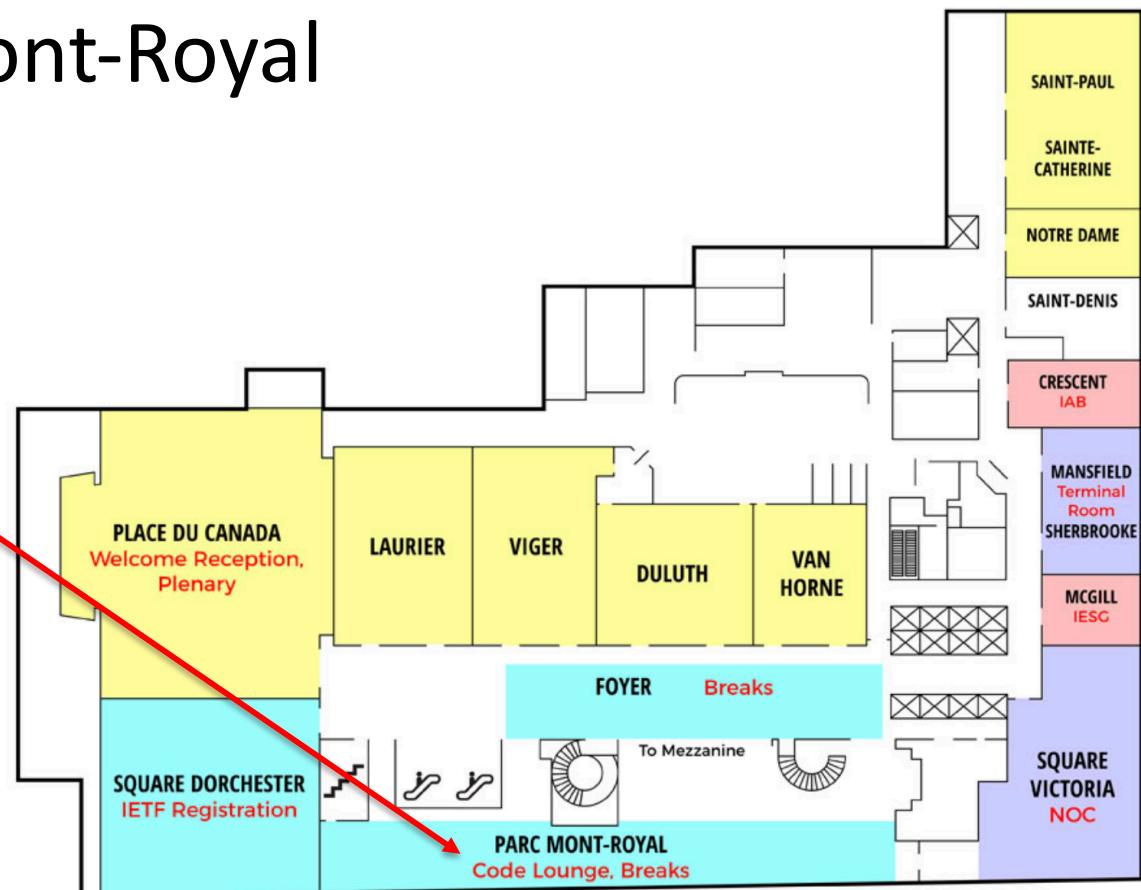


IETF Hackathon

Code Lounge

2nd Floor, Parc Mont-Royal

- Space reserved in lounge all week
- Collaborate on running code
- Schedule time for your team



THANK YOU!



Spread the News

- Post to Twitter

#IETFHackathon
#IETF105

The image shows a screenshot of a Twitter search results page for the hashtag #IETFHackathon. The search bar at the top contains the text "#IETFHackathon". Below the search bar, there are five navigation tabs: Top (which is selected and highlighted in blue), Latest, People, Photos, and Videos. The main content area displays a single tweet from the account @IETF (@ietf). The tweet was posted 13 hours ago and reads: "#IETF105 starts tomorrow with the #IETFHackathon and #IETFCODESprint! Even you can't make it to Montreal for #roughconsensus and #runningcode, you can still register for remote participation. Check out all the details on the main meeting webpage: ietf.org/how/meetings/1...". Below the tweet is a large, rectangular image of the Montreal skyline at night, with the text "IETF 105 Montreal 20-26 July 2019" overlaid. At the bottom of the tweet card, there are engagement metrics: 13 replies, 10 likes, and a retweet icon.

IETF Hackathon

15

Questions?



Let's Start Coding!



IETF Hackathon