



# IETF Hackathon

IETF 98, March 25-26

Chicago, IL. USA

# Goals

- Running Code ([RFC 6982](#))
- Open Source
- Speed and Relevance of Standards
- Collaborate and Learn
- Have Fun
- Cookies!
- and BEER!!!



# Note Well

- Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:
  - The IETF plenary session
  - The IESG, or any member thereof on behalf of the IESG
  - Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
  - Any IETF working group or portion thereof
  - Any Birds of a Feather (BOF) session
  - The IAB or any member thereof on behalf of the IAB
  - The RFC Editor or the Internet-Drafts function
- All IETF Contributions are subject to the rules of [RFC 5378](#) and [RFC 3979](#) (updated by [RFC 4879](#)).
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- A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.
- A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

# 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

# Collaborate on Code

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

- Git/GitHub commonly used for open source projects
- Getting started:
  - Install Git on laptop <https://help.github.com/articles/set-up-git/>
  - Join Hackathon repo <https://github.com/ietf-hackathon>
  - Fork a project, or the repo, to work on an existing project or add a new one <https://help.github.com/articles/fork-a-repo/>
  - “Follow” team members and “watch” project(s) <https://help.github.com/articles/be-social/>
- More info: <http://gitref.org>

<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)

 **Repositories**

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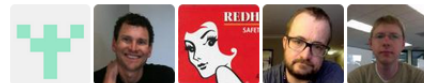
 C  3 Updated 9 days ago

#### Top languages

 C  Python  HTML

#### People

5 >



# Agenda - Saturday

- 08:00: Room open for setup by champions
- 09:00: Room open for all - Pastries and coffee provided
- 09:00: Posters of all technologies on display
- 09:30: Hackathon kickoff
- 09:45: Form Teams
- 12:30: Lunch provided
- 15:30: Afternoon break - Snacks provided
- 19:00: Dinner provided
- 21:00: Room closes and is locked

# Agenda - Sunday



- 09:00: Room opens - Pastries and coffee provided
- 12:30: Lunch provided
- 13:30: **Hacking stops, prepare brief presentation of project**
- 14:00: Project presentation to other participants and judges
- 15:00: Recap and suggestions for improvements
- 15:30: Awards presented, **praise and thanks given**
- 16:00: Hackathon ends
- 17:00: Tear down complete



# Project Presentations

1. What problem are you solving?
2. How you plan to solve it?
3. What did you achieve?

## Things to highlight

- Lessons learned
- Feedback to work group
- First time IETFers

***5 minute time limit***



# Judging Criteria

- 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 and Code Stand

# #IETFHackathon Photo Contest

- Best IETF Hackathon Photo
- Post to Twitter  
#IETFHackathon  
#IETF98



THANK YOU!



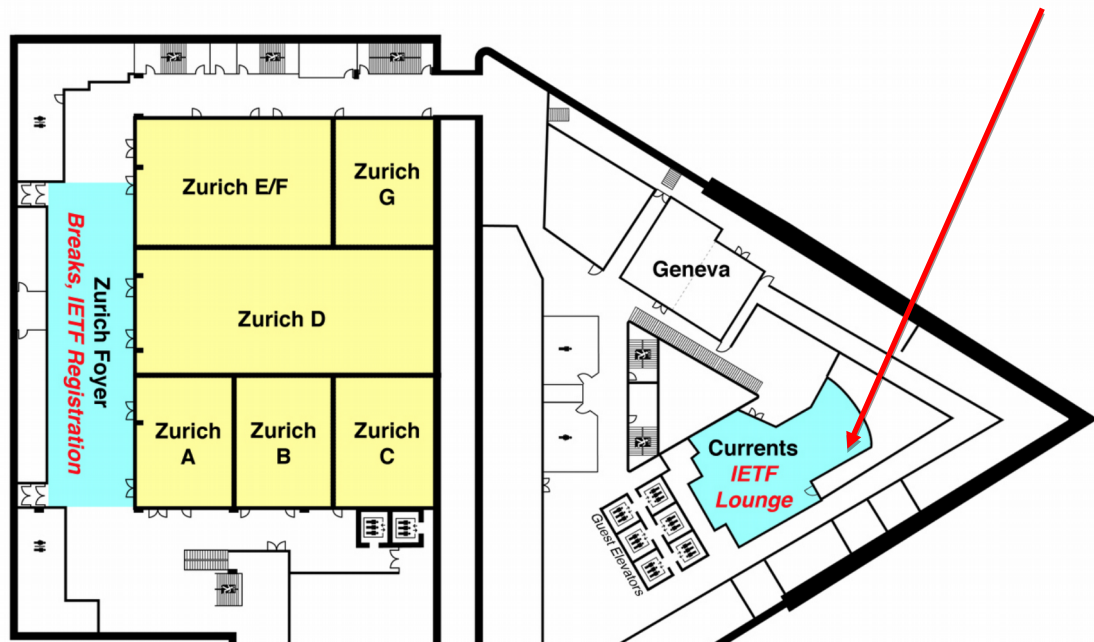
**ERICSSON**

**mozilla**

# Hackathon Corner in IETF Lounge

Chicago Swissotel Concourse Level

- Designated area in IETF lounge
- Monday - Friday
- Space to gather
- Continue work on hackathon projects
- Work on running code



# Bits-N-Bites

Chicago Swissotel Ballroom Level

- Table for Hackathon Projects
- Show off what you did
- Thursday, 19:00 – 21:00
- Lucerne Ballroom
- Food and drinks



# Project List

- AMT/Multicast
- ANIMA
- Captive Portal
- COSE/JOSE
- DNS/DPRIVE/DNSSEC/DANE
- DTLS
- I2NSF Framework
- I2RS RIB
- LoRaWAN Wireshark dissector
- NETVC
- tcpinc: TCP-ENO, tcpcrypt
- TLS 1.3
- Universal Acceptance
- YANG/NETCONF/RESTCONF
- WebRTC

# Questions?





# Let's Get Hacking!

