



Photo Courtesy of Brian Campbell



IETF Hackathon

IETF 95, April 2 – 3,
Buenos Aires, Argentina

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

Technologies


- DNS / DNSSEC / DANE / DNS-over (D)TLS
- IBNEMO – Intent Based Network Modeling
- Network Based Metrics Analysis
- NETCONF/YANG, I2RS, OpenDaylight
- NETVC
- FD.io/VPP (Vector Packet Processing)
- TLS 1.3
- SCTP

Collaborate on Code




<https://github.com/ietf-hackathon/ietf95>

- 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/eckelcu/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/ietf95>








 This repository Search

Pull requests Issues Gist


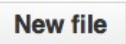





IETF-Hackathon / ietf95



Watch 1 Star 0 Fork 1



 Code  Issues 0  Pull requests 0  Wiki  Pulse  Graphs  Settings

No description or website provided. — Edit

4 commits 1 branch 0 releases 1 contributor

Branch: master     HTTPS   

 eckelcu Merge pull request #1 from eckelcu/master  Latest commit 7f7eb34 a minute ago

 CONTRIBUTING.md	Initial version	10 minutes ago
 README.md	Initial version	10 minutes ago

Agenda - Saturday



- 09:00: Room opens - Pastries and coffee
- 09:30: Hackathon kickoff - Intro to all technologies by champions, form teams
- 12:30: Lunch
- 15:30: Afternoon break - Snacks provided
- 18:30: Progress check and sharing
- 19:00: Dinner
- 22:00: Room closes and is locked

Agenda - Sunday



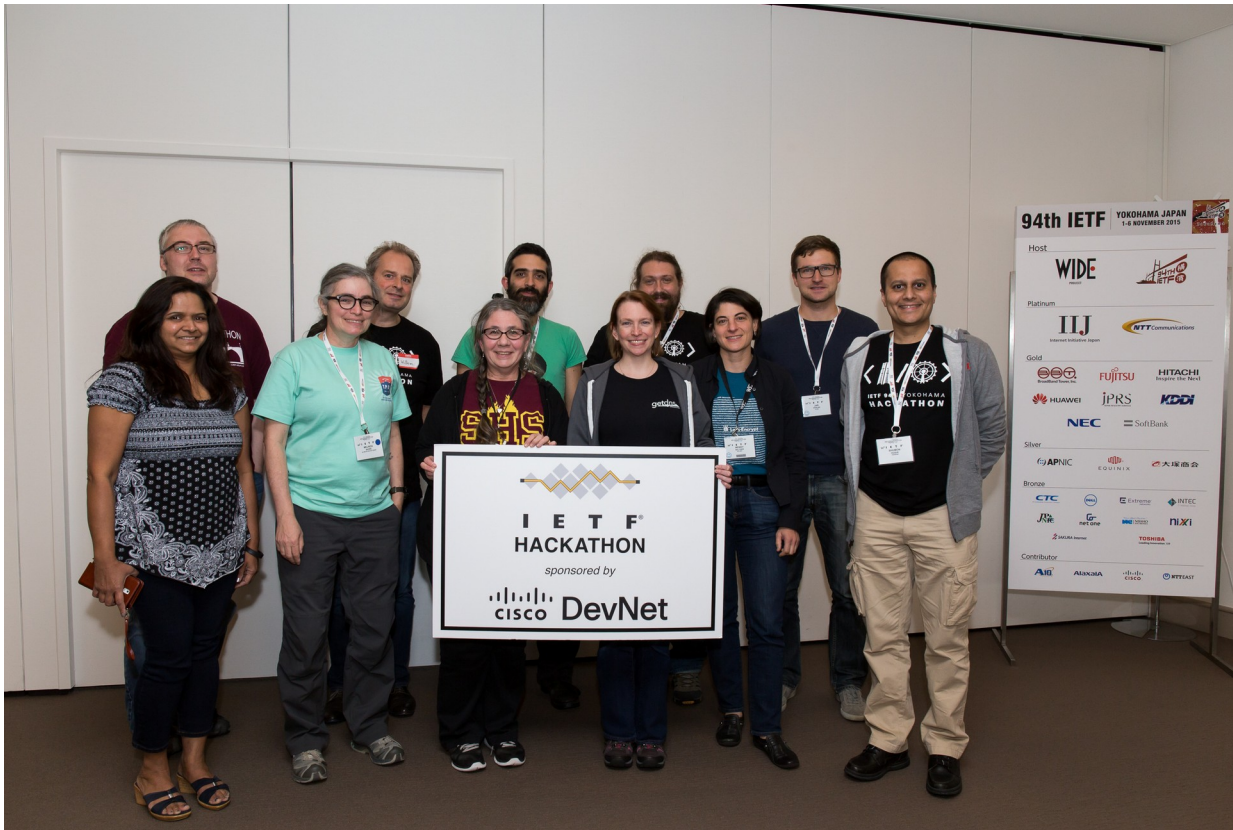
- 09:00: Room opens - Pastries and coffee
- 12:30: Lunch
- 13:30: Hacking stops, prepare brief presentation of project
- 14:00: Project presentation to other participants and judges
- 15:00: Recap and suggestions for improvements
- 15:30: Awards presented, prizes given
- 16:00: Hackathon ends

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
 - Create useful utilities
- Attract developers, young people to IETF
 - There's cool shit at IETF
 - #IETFhackathon, #IETF95

Prizes

Sponsored By:



Bits-N-Bites

- Table for Hackathon Projects
- Show off what you did
- Thursday, 19:45– 21:45
- [Pacifico B](#)
- Bits-N-Bites
- Food and drinks provided



#IETFhackathon Photo Contest

- Best IETF Hackathon Photo
- Post to Twitter

#IETFhackathon

#IETF95



Let's Get Hacking!

