IETF Hackathon: SWiF Codec

IETF 108 online

20-24th, 2020

Hackathon goals

Our 5th Hackathon

1- design a **reference, open-source, free codec**

- RLC-like first, RLNC-like in a second step
- facilitate FEC tests and adoption

2- challenge our **"generic API" I-D**

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Team @ ietf109

- Cédric Adjih (part time)
- Vincent Roca (part time)
- Marie-José (part time)

Unfortunately not so much manpower. Being online didn't help.

Achievements

- source code is here
- C demo application **done**
- python wrapper for tests/demos **done**
- decoding remains to be debugged

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Next steps

- continue over the week if possible…

- **6th hackathon** at IETF109
  - code cleanup/unitary tests
  - better documentation to add in existing I-D
    - describe API + how to use it

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