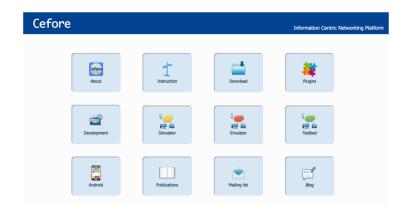
IETF Hackathon: <Cefore>

IETF 104 23-24 March, 2019 Prague



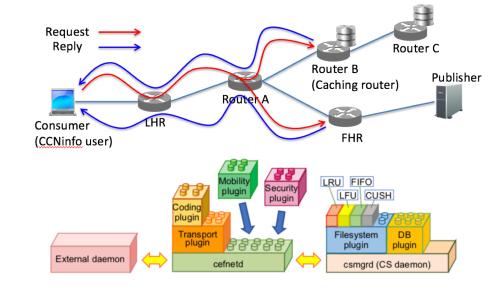
Cefore Projects: IETF104 Hackathon

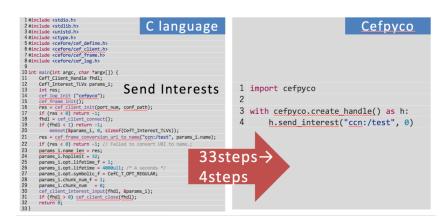
- ICNRG
- Cefore: Open-source software enabling Content-Centric Networking (CCN)
 - https://cefore.net
- Objective: Enhancing Cefore functions
 - extensible forwarding engine that implements CCNx message handling
 - in-network cache management, etc.
 - Reference:
 - https://tools.ietf.org/html/draft-irtf-icnrgccnxmessages
 - https://tools.ietf.org/html/draft-irtf-icnrgccnxsemantics



Hackathon Goals

- Implementing/Testing
 - CCNinfo
 - discover information about the network topology and in-network cache (https://tools.ietf.org/html/draft-irtf-icnrgccninfo)
 - Transport plugin for network coding
 - · in coordination with in-network caching
 - to achieve higher performance (https://tools.ietf.org/html/draft-irtfnwcrg-nwc-ccn-reqs)
 - Cefpyco(CEFore PYthon COmpact package)
 - Enable easier and faster application development
- Achievements
 - Built he basic functions and the framework
 - Enhanced Cefpyco to specify optional TLV header





Wrap Up

Team members:

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Kazuhisa Matsuzono*

Ruidong Li*

Atsushi Ooka*

*First timers @ IETF/Hackathon:

Cefore Link: https://cefore.net