



IETF99 Hackathon, Prague

RIOT—The friendly Operating System for the IoT
CCN-lite—A lightweight CCNx implementation

Champions:

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Project: ICN for IoT

- Name Compression
- NDN Interest / Data packet header compression

Project: Results

- Prototype in RIOT & CCN-lite
- Name Compression for `/prague/ietf/99`
 - 20 byte in NDN → 12 byte compressed
- Simple NDN Interest
 - 28 byte → 14 byte (50% compression)
- About to submit -00 draft with proposed compression scheme

What?

- complete implementation
- further work on draft

Where?

- Dagstuhl hackathon (Germany)
- RIOT Summit + ACM ICN Conference (Berlin, Germany)

Questions?