vCon
IETF Hackathon

IETF 120
20–21 July 2024
Vancouver, Canada

Hackathon Plan

- Problem we planned to work on:
  - draft-petrie-vcon-04
    - CBOR format vCon
    - CDDL validation for JSON and CBOR
    - implement and try out vCon Redaction Object

What got done

- Generate CBOR and JSON format vCons
- Convert CBOR vCon to/from JSON
- Some tweaking of vCON CDDL schema
- Define working media type for transcription redaction labels
- Some design validation of Redaction Object

What we learned

- CDDL Command Line Tools and Python Libs immature
  - Don’t support all CDDL operators, tags, prelude
  - bugs
  - difficult diagnostics of validation errors
- Still need to sort out some issues with CBOR Tag 21 & tdate
- Redaction labeling format/schema of transcript: may be useful media type to standardize

Wrap Up

Team members:

- Dan Petrie
- Hari Sivapatham

First timers @ IETF/Hackathon:

- Hari Sivapatham

Python vCon library and CLI:

github.com/py-vcon/py-vcon

pip3 install python_vcon

Python vCon server:

github.com/py-vcon/py-vcon/py_vcon_server

pip3 install py_vcon_server