

# Concise Binary Object Representation (CBOR)

Working group meeting

Chairs Barry Leiba, Christian Amsüss

Where IETF 118, Prague

When 2023-11-07

# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
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Definitive information

...is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

[BCP 9](#) (Internet Standards Process), [BCP 25](#) (Working Group processes), [BCP 25](#) (Anti-Harassment Procedures), [BCP 54](#) (Code of Conduct), [BCP 78](#) (Copyright), [BCP 79](#) (Patents, Participation), <https://www.ietf.org/privacy-policy/> (Privacy Policy)

# Meeting tips

## In-person participants

- Sign in at Meetecho (required for bluesheets)
- We use Meetecho for queue management. We trust you to know when to jump the queue.
- Keep both your microphones and your speakers off.

## Remote participants

- We use Meetecho for queue management. Unmute to jump the queue when required.

# Agenda

- Intro and agenda review (chairs)
- Documents that are finishing up (chairs)
  - IETF evaluation for time-tag
  - WGLC for edn-literals and cbor-update
- Other in-progress documents
  - draft-ietf-cbor-packed (CB)
  - draft-lenders-dns-cbor (ML)
- Brief mention of deterministic encoding profiles (chairs)
- Dates for interim calls through IETF 119
- AOB



# Documents finishing up

## time-tag

CBOR Tags for Time,  
Duration, and Period

In IESG evaluation.

Murray's ~~DISCUSS~~ on combination of "RFC Required" and "Expert Review" – addressed in -12 (now "requiring both").

## edn-literals

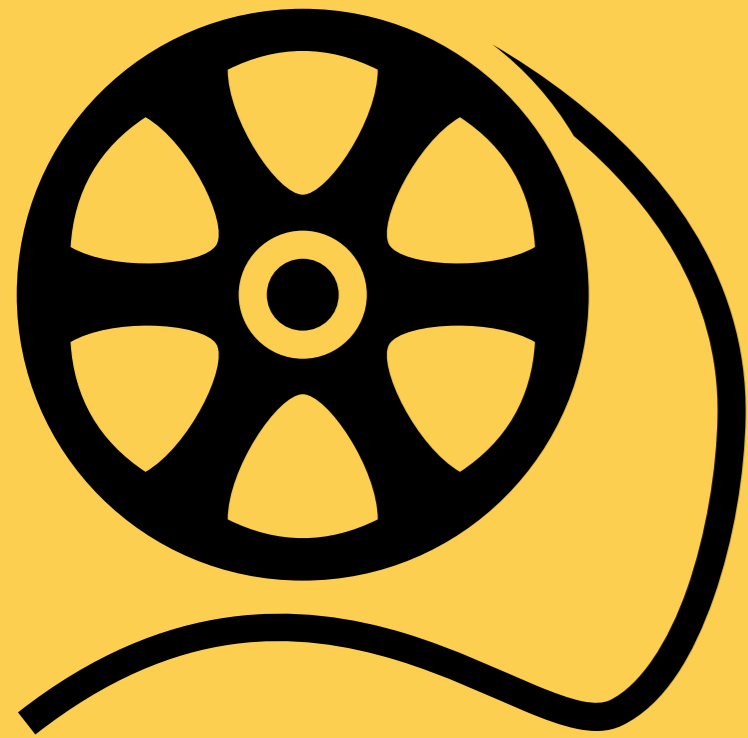
dt"", ABNF, Media Type  
update-8610-grammar  
Updates to CDDL grammar

WGLC ending now.

No feedback at all during WGLC.

Outcome?

# Reel change



(Please continue to individual slots' slides.)

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# Deterministic encoding profiles

## Tasks split

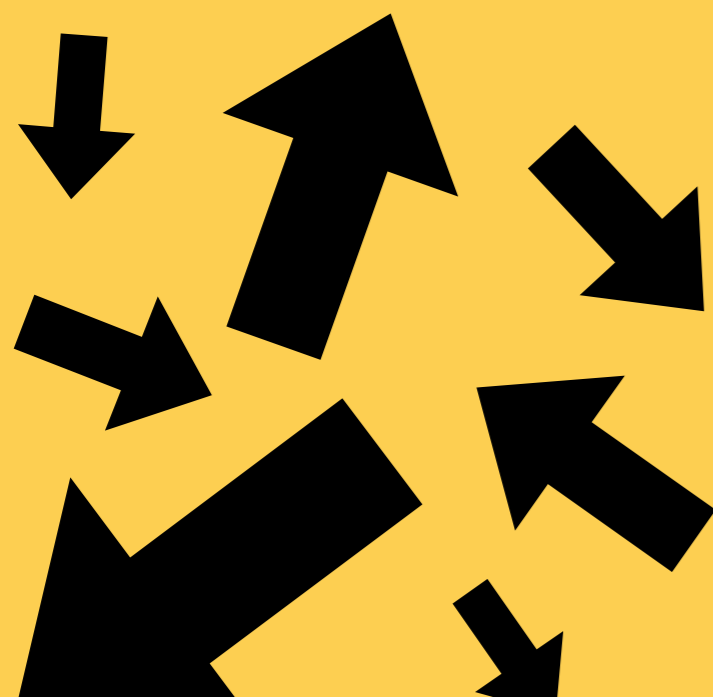
- CDE: A *common*<sup>1</sup> deterministic profile.
- dCBOR on top of CDE: An application profile providing Numeric Reduction, removing *undefined* and other simples, and half the negative integers.

## Controversial

- How much is the integer 2 the same as the float 2?
- What are generic CBOR serializers/deserializers?
- Differences between CB's and WMN's "dCBOR"
  - Decoder strictness
  - Extensibility model

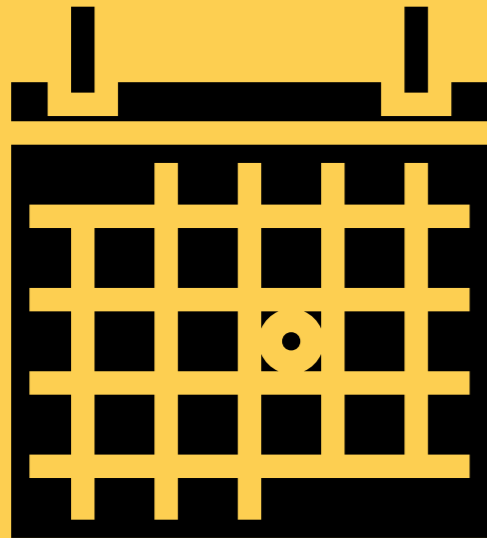
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<sup>1</sup>RFC8949 left some decisions to the application



# Next interim series

Same procedure as every year



Proposed dates:

2023-11-29

2023-12-13

2024-01-10

2024-01-24

2024-02-07

2024-02-21

2024-03-06 (after cut-off)

alternating with CoRE in the usual cadence



# AOB

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<sup>2</sup>Except for the title