

# SenML Data Value Content- Format Indication

draft-ietf-core-senml-data-ct-02

Carsten Bormann

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# Content-Format indication

- SenML Records can contain (binary) "data values" in a "vd" field

```
[  
  {"bn": "urn:dev:ow:10e2073a01080063:", "n": "temp", "v": 7.1},  
  {"n": "open", "vb": false},  
  {"n": "nfc-reader", "vd": "aGkgCg"}  
]
```

- This draft: new Content-Format indication ("ct") field to indicate the Content-Format of the data in the SenML Record

# Example SenML Record with data value and Content-Format indication

```
{ "n": "nfc-reader", "vd": "gmNmb28YKg", "ct": 60 }
```

base64(

```
82      # array(2)
63      # text(3)
666F6F # "foo"
18 2A   # unsigned(42)
)
```

CBOR CoAP  
Content Format

# Updates for draft-ietf-senml-data-ct-02

- must-understand-ct-field (“ct\_”) proved inscrutable
  - Interaction with normal field (“ct”) in resolution process is unmanageable
  - So we got rid of it again (thanks for the suggestion, Klaus)
  - Would have been nice to have, but don’t know how to do it
- Authors believe this is now ready for WGLC