

CoRE

October 13th (Wednesday), 14:00-15:30 UTC

— SenML data-ct

<https://datatracker.ietf.org/doc/draft-ietf-core-senml-data-ct/>

Status: IESG Evaluation::Revised I-D Needed

Has 2 DISCUSSEs.

Has enough positions to pass once DISCUSS positions are resolved.

Status

DISCUSSES to be cleared by merged PRs.

<https://github.com/core-wg/senml-data-ct/commits/master>

<https://github.com/core-wg/senml-data-ct/pulls>

Three more questions:

(1) leaving out parameters

httpbis-semantic:

```
parameters      = *( OWS ";" OWS [ parameter ] )
parameter       = parameter-name "=" parameter-value
parameter-name  = token
parameter-value = ( token / quoted-string )
```

RFC 7231:

```
media-type = type "/" subtype *( OWS ";" OWS parameter )
```



RFC 7231:

```
text/plain; format=flowed
```

<https://github.com/httpwg/http-core/issues/33>

New, also:

```
text/plain; format=flowed;  
text/plain;;; ;;format=flowed;;;
```

Proposed resolution: Don't allow legacy strings here.

(2) quoted-pair

httpbis-semantics:

```
quoted-string  = DQUOTE *( qdtext / quoted-pair ) DQUOTE
qdtext        = HTAB / SP / %x21 / %x23-5B / %x5D-7E / obs-text
quoted-pair   = "\" ( HTAB / SP / VCHAR / obs-text )
VCHAR         = %x21-7E ; visible (printing) characters (from RFC5234)
```

Getting rid of HTAB, obs-text: As intended. But...
current draft data-ct:

```
quoted-string  = %x22 *qdtext %x22
qdtext         = SP / %x21 / %x23-5B / %x5D-7E
```

(2) quoted-pair: Proposed Resolution

```
quoted-string = DQUOTE *( qdtext / quoted-pair ) DQUOTE
qdtext       = HTAB / SP / %x21 / %x23-5B / %x5D-7E / obs-text
quoted-pair  = "\" ( HTAB / SP / VCHAR / obs-text )
VCHAR        = %x21-7E ; visible (printing) characters (from RFC5234)
```



```
quoted-string = %x22 *( qdtext / quoted-pair ) %x22
qdtext = SP / %x21 / %x23-5B / %x5D-7E
quoted-pair = "\" ( SP / VCHAR )
VCHAR = %x21-7E ; (from RFC5234)
```

(3) error handling

SenML creator has no way to know whether recipient knows:

- specific media-type used
- parameters used (-> content type)
- content-coding(s)
- any content-format number registered for that

→ the important thing is that the recipient implementation **know** that it needs to be updated to understand