

draft-bormann-core- media-content- type-format

DISPATCH WG @ IETF110, March 8th (Monday),
12:00–14:00 UTC (13:00–15:00 CEST, 04:00–06:00 PDT)

What is a media-type?

- `text`
- `text/plain`
- `text/plain; charset=UTF-8`

What is the syntax of a media-type [name]?

```
media-type = type "/" subtype *( OWS ";" OWS parameter )
type       = token
subtype    = token                                     RFC 7231
token      = 1*tchar
tchar      = "!" / "#" / "$" / "%" / "&" / "'" / "*"
           / "+" / "-" / "." / "^" / "_" / "`" / "|" / "~"
           / DIGIT / ALPHA
OWS        = *( SP / HTAB )
```

```
type-name = restricted-name
subtype-name = restricted-name                       RFC 6838
```

```
restricted-name = restricted-name-first *126restricted-name-chars
restricted-name-first = ALPHA / DIGIT
restricted-name-chars = ALPHA / DIGIT / "!" / "#" /
                      "$" / "&" / "-" / "^" / "_"
restricted-name-chars =/ "." ; Characters before first dot always
                          ; specify a facet name
restricted-name-chars =/ "+" ; Characters after last plus always
                          ; specify a structured syntax suffix
```

Objective of the draft

Define common, stable, referenceable

- Terminology
- ABNF

Why?

- Occasion: draft-ietf-core-senml-data-ct
- Background: Tons of previous RFCs that got most of this wrong

Approach

media-type-name: stands for media-type, registered

content-type: media-type-name + parameters

CoRE:

content-format: content-type + content-coding

(**content-format-number, content-format-string**)

11050 → application/json@deflate

Where

Could do in CoRE WG – we need this, now

Could aim for broader discussion and consensus
(media-types etc. are used everywhere)



PLEASE DISPATCH