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