

MEDIAMAN

23 March 2022 1300-1400 CET

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IETF 113 Vienna
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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:

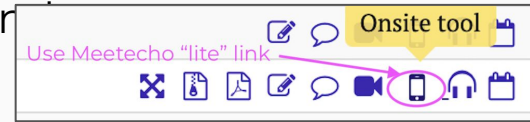
- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
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- Use of a headset is strongly recommended

Resources for IETF 113 Vienna

- Agenda
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:
<https://www.ietf.org/how/meetings/113/preparation>
- If you need technical assistance, see the Reporting Issues page:
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Agenda

1. Introduction, Note Well, scribe, agenda bash (5 min)
2. Principles for new Top Level types (15 min)
Presentation of [draft-duerst-median-toplevel](#) (Martin Dürst): 5 min
Discussion (10 min) Decision: Adopt or do not adopt
3. Top level type "Haptics" (15 min)
Presentation of [draft-ietf-median-haptics](#) (Muthusamy): 5 min
Discussion (10 min)
4. Multiple suffixes for media types (15 min)
Presentation of [draft-ietf-median-suffixes](#) (Manu Sporny): 5 min
Discussion (10 min)
5. Wrapup, action items, followup (10 min)

New Top-Level Types

draft-duerst-medianman-tooplevel-00

From Our Charter

This working group will therefore take up the following items, in this order (or as otherwise negotiated with the supervising AD):

1. Determine **whether** any specific criteria or guidance are warranted to handle registration of future top-level media types, and publish any such guidance.

Top-Level Media Type Overview (incl. History, Sect)

- RFC 1342: **text/***, **multipart/***, **message/***, **image/***, **audio/***, **video/***, **application/***
- RFC 1437: matter-transport/* (😊 1 April 1993)
- RFC 2077: **model/***
- RFC 4735: **example/***
- RFC 8081: **font/*** (justfont IETF WG)
- **haptics/*** (this WG, [draft-ietf-mediaman-haptics](https://datatracker.ietf.org/draft-ietf-mediaman-haptics))
- chemical/x-* (https://en.wikipedia.org/wiki/Chemical_file_format)

application/* or New Type ?

From [RFC 6838](#) (Media Type Specifications and Registration Procedures)

4.2.5. Application Media Types

The "application" top-level type is to be used for discrete data that **do not fit under any of the other type names**, and particularly for data to be processed by some type of application program. ...

4.2.7. Additional Top-Level Types

In some cases, a new media type may not "fit" under any currently defined top-level type names. Such cases are expected to be **quite rare**.

However, if such a case does arise, a new type name can be defined to accommodate it. Definition of a new top-level type name **MUST** be done via a **Standards Track RFC**; no other mechanism can be used to define additional type names.

Potential Criteria: General

- New top-level types rare, each needs separate consideration
- Existing wide use in the wild may be indication of need (font/*, chemical/*)
- Use of undefined top-level types should be highly discouraged

Potential Criteria: Formal

- Standards Track RFC
- Clear criteria for what belongs to new top-level type and what not
- Initial registrations
- Common parameters may be a plus
- May or may not use IETF WG

Potential Criteria: Content-Wise

- Similar in affected sense(s): auditory/visual/olfactory/...
- Similar in presence/absence of temporal aspect
- Easier conversion within than between top-level types
- Practice or needs for dispatch on top-level type
- Existence of actual subtypes or potential subtypes
- Type-specific criteria

IANA Considerations

- Currently, no registry for top-level types
- Top-level types listed as part of <https://www.iana.org/assignments/media-types/media-types.xhtml>
- Documentation varies
 - detailed for example/*
 - nonexistent for model/*

Do we need a formal registry of top-level types?

What should this registry contain?

(type name, defining RFC, anything else?)

Terminology and Notation

- **Type** (as in type/subtype) or **top level type** ?
- **Top-level** or **top level** ?
- 'application' or application/* ?

Top level types: Decisions on Draft

- To adopt or not to adopt?

Top level type “Haptics”

Multiple Suffixes

draft-ietf-mediaman-suffixes-01

Agenda

1. Goals for mediaman-suffixes (2 minutes)
2. Changes since mediaman-suffixes-00 (2 minutes)
3. Topics of Concern (10 minutes)
4. Next Steps? (1 minute)

Goals for mediaman-suffixes

1. Establish how multiple media type suffixes are processed.
2. Establish registration policies for media type suffixes.
3. Provide security considerations when processing media types with multiple suffixes.

Changes since mediaman-suffixes-00

1. Fix processing model (old one was broken); add examples.
2. Align with the way image/svg+xml+gzip is expected to work.
3. Utilize the [Structured Syntax Suffixes Registry](#).
4. Add a Security Considerations section.

Topics of Concern

1. Not enough review. Interviews?
2. Is the [new processing model](#) correct?
3. Security Considerations
 - a. [Media Type Fibbing](#)
 - b. Others?

Next Steps?

1. Interviews?
2. Revise
3. Finalization timeline?



Any Other Business

- 6838 revision: drop the Mac file types?
 - Within scope (“Review the format of the media types registry”)

Wrapup and Action Items