

# Media Types

Register media types useful for REST API and YAML

HTTPAPI-WG @ IETF-115

ietf-httpapi-mediatypes

[see the specifications [I-D YAML](#), [I-D REST-API](#)]

# Goals

- increase interoperability when processing API specification
- leverage content negotiation when exchanging API resources
- simplify cooperative development and cataloguing of API and schemes
- do not disrupt current implementations, respect engaged communities: YAML, JSON Schema, OpenAPI, JSON-LD

# Rationale

OpenAPI Specification relies on YAML and JSON Schema, but underlying media types have **not been registered**

No interoperable way of **content negotiating** OAS documents or JSON schema

YAML users do not have interoperability and security considerations

# Media Types application/\*

**YAML:** `yaml` & `+yaml`, provide interoperability and security considerations, foundation for `openapi+yaml`

**OpenAPI:** `openapi+json` & `openapi+yaml`

**JSON Schema:** `schema+json` & `schema+yaml`

~~**JSON-LD:**~~ YAML-LD moved to [W3C JSON-LD workgroup](#), relies on I-D.ietf-httpapi-yaml-mediatypes

Legend: `quick win`, `work needed`, `some disagreement`

# Changes from -03

YAML is in WGLC and there's positive feedback from Media Type folks:

- [#69](#) .yaml is the preferred extension, .yml is legacy
- [#67](#) Relations with mediaman-suffixes (no changes needed)

REST API needs more feedback from JSON Schema community.

<https://www.ietf.org/hediff?url2=draft-ietf-httpapi-rest-api-mediatypes-03>

# Open issues (YAML only)

[#1](#) engaged with media-types ML when WGLC

- [#66](#) Do we need clipboard identifiers for windows and MacOS?

Probably, we don't need this since these registration mechanisms seem to be proprietary.

We propose to move forward and publish the specifications.

# Thanks!

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# FAQ

**Q: Do we need this?**

A: Yes, we do :)



# Backup slides

