

Media Types

Register media types useful for REST API and YAML

HTTPAPI-WG @ IETF-116

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`

YAML: changes from -04

YAML is submitted to IESG for Publication. Received comments from AD, tracked in [#73](#) :

- PR [#74](#): deprecated media type aliases were never registered
- Should we RECOMMEND .yaml over .yml? (now we only say "prefer")

REST API needs more feedback from JSON Schema community.

https://author-tools.ietf.org/api/iddiff?doc_1=draft-ietf-httpapi-yaml-mediatypes&url_2=https://ietf-wg-httpapi.github.io/mediatypes/draft-ietf-httpapi-yaml-mediatypes.txt

REST API: no changes so far.

REST API needs more feedback from JSON Schema and OAS community.

- JSON Schema registration requires further interactions between IETF and JSON Schema community
- Should we split OAS and JSON Schema to allow OAS to move forward?

https://author-tools.ietf.org/api/iddiff?doc_1=draft-ietf-httpapi-yaml-mediatypes&url_2=https://ietf-wg-httpapi.github.io/mediatypes/draft-ietf-httpapi-yaml-mediatypes.txt

Thanks!

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Backup slides

