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

https://github.com/ietf-wg-httpapi/mediatypes/
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

https://github.com/ietf-wg-httpapi/mediatypes/
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](https://w3.org/2011/jsonld/), relies on [I-D.ietf-httpapi-yaml-mediatypes](https://github.com/ietf-wg-httpapi/mediatypes/)

Legend: quick win, work needed, some disagreement

[https://github.com/ietf-wg-httpapi/mediatypes/](https://github.com/ietf-wg-httpapi/mediatypes/)
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.

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?

Thanks!

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