IETF 120 HTTPAPI

25 July 2024

Darrel Miller, Rich Salz - Chairs Mark Nottingham - Secretary

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Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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)
- <u>BCP 54</u> (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- https://www.ietf.org/privacy-policy/(Privacy Policy)



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IETF 120 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the "onsite tool" client) from the Datatracker agen
- Use Meetecho to join the mic queue
- Keep audio and video off if not using the onsite version

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended



Resources for IETF 120 Vancouver

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

Agenda

Administrivia

- Note well, meeting tips, minute-takers, agenda bashing
- https://notes.ietf.org/notes-ietf-120-httpapi

Doc Status

- Link Template HTTP Header Field RFC Edit Queue
- Deprecation HTTP Header Field Submitted to IESG
- API Catalog Ready for AD Review

Idempotency Key

draft-ietf-httpapi-idempotency-key-header

Other detailed doc updates

- draft-ietf-httpapi-patch-byterange (New Draft)
- draft-ietf-httpapi-authentication-link (SecDir Early Review)

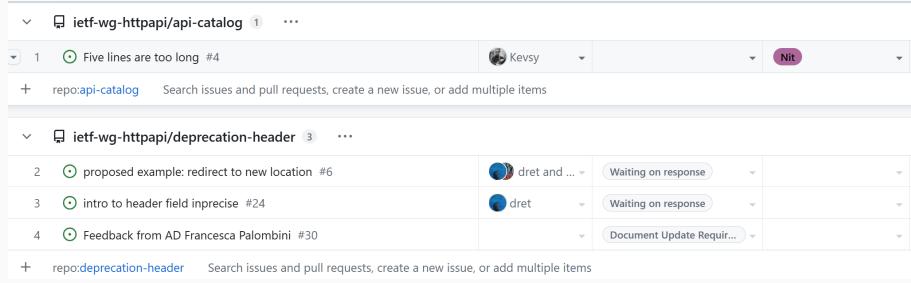
New Work

Problem Types for HTTP digest fields



Doc Status

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- API Catalog Ready for AD Review





Idempotency Key

✓ □ ietf-wg-httpapi/idempotency 10 ···			
5 Relationship to Repeatable Requests? #31	~	In Discussion	~
6 • Would additional security risk and mitigation discussion be valuab #40	~	In Discussion	~
7 • What value does Idempotency Fingerprint add? #36	~	In Discussion	~
8 • Clarification of resource requirements #37	~	In Discussion	~
9 O Idempotency Key Validity and Expiry #35	~	In Discussion	~
10 • What does "Uniqueness of the key MUST be defined by the resour #34	~	In Discussion	~
11 • Response codes and potential app-layer semantic collisions #42	~		·
12 • Clarify whether the idempotency service should record requests fo #41	~		~
O Make explicit the goal of being able to offer idempotency as a sta #43	~		~
14 • Reconsider handling of DELETE (and possibly PUT)? #44	~		~



Search issues and pull requests, create a new issue, or add multiple items

repo:idempotency

Other detailed doc updates

- draft-ietf-httpapi-patch-byterange (New Draft)
 https://github.com/awwright/http-progress
- draft-ietf-httpapi-authentication-link SecDir Early Review No Open Issues

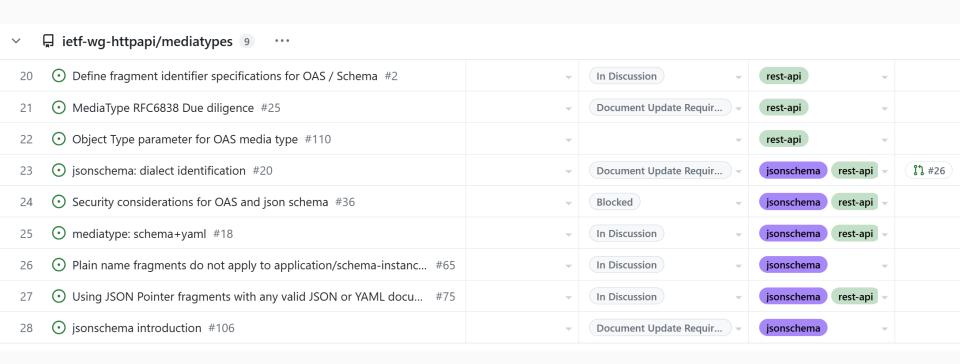


Link Hint





OpenAPI/JSON Schema Media Type





Rate Limit Headers

~	☐ ietf-wg-httpapi/ratelimit-headers 6 ···					
29	• Remove Rate-limiting and quotas (Appendix A) when finalizing t #100	~	Document Update Requir	editorial	~	
30	○ A grammatical error #129	~	Document Update Requir	editorial	~	
31	Scope discussions follow up #119	~	In Discussion	~	~	
32	Oconvey the quota-unit measurement unit (requests, bytes,) #128	~	In Discussion	~	~	
33	• Terminology clarification between Limit, Quota and Service Limit #126	~	In Discussion	~	~	
34	• Commas, and potentially combining RateLimit and RateLimit-Poli #131	~	In Discussion	~	~	



New Work

Problem Types for HTTP digest fields



AOB

