Updating Caching Policy in Trailers

draft-nottingham-cache-trailers-00
Sometimes, origins only know what the caching policy for a response should be after they generate it

- E.g., when an error is encountered
- Or, when data is assembled from multiple sources

This means that they need to either:

- Send a conservative caching policy
- Buffer the response

Both are bad for performance.
• HTTP trailers allow sending metadata after the body content.
• draft-nottingham-cache-trailers proposes a way to allow caching policy to be updated in trailers.

• I believe it has the properties that are necessary to enable compatible deployment and succeed for that use case.

• Others seem to disagree - either about those design choices, or the appropriate scope of the solution.

• Nevertheless, it does seem to be a topic that’s of interest to this WG.
Willy, Adrien, David, Daniel, Wesley, G… 11/2/21
Cache control in trailers?

Willy Tarreau 11/2/21
This sounds like an excellent idea. Maybe somethin…

Adrien de Croy 11/2/21
This makes me wonder whether it would be useful t…

David Benjamin 11/2/21
(This thread has gotten extremely long. I've only rea…

Willy Tarreau 10/2/21
Sure and this has been used as an argument again…

Daniel Stenberg 10/2/21
A cut off download can in most cases get retried an…

Willy Tarreau 10/2/21
Hi Daniel, As a user, I hate it when an interrupted d…

Daniel Stenberg 10/2/21
That's "exactly" what I thought when I grabbed that…

Adrien de Croy 10/2/21
There are special problems with scanning for viruse…
Is this a problem that the WG is interested in addressing?
Is the draft a suitable starting point?*

* Considering that we always consider a newly adopted draft to require consensus for its contents as well as changes