

Resumable Uploads

draft-ietf-httpbis-resumable-upload

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Marius Kleidl

What's new in -05?

- Allow clients to fetch upload limits upfront via OPTIONS.
- Add Upload-Length header to indicate total length when upload is started.
- Describe interaction with Want-Repr-Digest from RFC 9530.
- Clarify implications of some limits in Upload-Limit header.
- Add guidance for different upload creation strategies.

What's next?

- Editorial pass to improve draft ([#2929](#))
- Update implementations to latest draft
- Interoperability testing
- Gain experience in production deployments

Implementations

Clients:

- [URLSession](#) (iOS, Swift, Objective-C)
- [tus-js-client](#) (JavaScript, browsers, Node.js)

Servers:

- [NIOResumableUpload](#) (Swift)
- [tusd](#) (Go)
- [tusdotnet](#) (.NET)

Receiving unlimited 1xx responses

- Resumable uploads use 1xx responses for progress information
- Previously: Go's HTTP client only allowed 5 1xx responses: [golang/go#65035](https://golang.org/issue/65035)
 - Request and upload is aborted once limit is reached
- Now: Go allows unlimited number of 1xx responses (via opt-in) while limiting size of each 1xx/final response
- HTTP clients should allow receiving unlimited 1xx responses
- Let us know if there are HTTP clients that don't allow this

Thank you!