

HTTP Working Group
Internet-Draft
Intended status: Standards Track
Expires: December 2, 2018

R. Fielding, Ed.
Adobe
M. Nottingham, Ed.
Fastly
J. Reschke, Ed.
greenbytes
May 31, 2018

HTTP Range Requests
draft-ietf-httpbis-range-01

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information systems. This document formerly defined range requests and the rules for constructing and combining responses to those requests, which has since been moved to the core HTTP Semantics document.

Editorial Note

This note is to be removed before publishing as an RFC.

Discussion of this draft takes place on the HTTP working group mailing list (ietf-http-wg@w3.org), which is archived at <https://lists.w3.org/Archives/Public/ietf-http-wg/>.

Working Group information can be found at <https://httpwg.org/>; source code and issues list for this draft can be found at <https://github.com/httpwg/http-core>.

The changes in this draft are summarized in [Appendix A](#).

Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of [BCP 78](#) and [BCP 79](#).

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at <https://datatracker.ietf.org/drafts/current/>.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

This Internet-Draft will expire on December 2, 2018.

Copyright Notice

Copyright (c) 2018 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (<https://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

This document may contain material from IETF Documents or IETF Contributions published or made publicly available before November 10, 2008. The person(s) controlling the copyright in some of this material may not have granted the IETF Trust the right to allow modifications of such material outside the IETF Standards Process. Without obtaining an adequate license from the person(s) controlling the copyright in such materials, this document may not be modified outside the IETF Standards Process, and derivative works of it may not be created outside the IETF Standards Process, except to format it for publication as an RFC or to translate it into languages other than English.

Table of Contents

- 1. Introduction 2
- 2. References 3
 - 2.1. Normative References 3
 - 2.2. Informative References 3
- Appendix A. Changes from RFC 7233 4
- Acknowledgments 4
- Authors' Addresses 4

1. Introduction

Hypertext Transfer Protocol (HTTP) clients often encounter interrupted data transfers as a result of canceled requests or dropped connections. This document defined HTTP/1.1 range requests, partial responses, and the multipart/byteranges media type.

The entire content of this document (previously in [RFC2616] and [RFC7233]) has been moved to [Semantics].

2. References

2.1. Normative References

[Semantics]

Fielding, R., Ed., Nottingham, M., Ed., and J. Reschke, Ed., "HTTP Semantics", [draft-ietf-httpbis-semantics-01](#) (work in progress), May 2018.

2.2. Informative References

[RFC2616] Fielding, R., Gettys, J., Mogul, J., Frystyk, H., Masinter, L., Leach, P., and T. Berners-Lee, "Hypertext Transfer Protocol -- HTTP/1.1", [RFC 2616](#), DOI 10.17487/RFC2616, June 1999, <<https://www.rfc-editor.org/info/rfc2616>>.

[RFC7233] Fielding, R., Ed., Lafon, Y., Ed., and J. Reschke, Ed., "Hypertext Transfer Protocol (HTTP): Range Requests", [RFC 7233](#), DOI 10.17487/RFC7233, June 2014, <<https://www.rfc-editor.org/info/rfc7233>>.

Appendix A. Changes from RFC 7233

All content has been moved to [[Semantics](#)].

Acknowledgments

See Appendix "Acknowledgments" of [[Semantics](#)].

Authors' Addresses

Roy T. Fielding (editor)
Adobe
345 Park Ave
San Jose, CA 95110
USA

EEmail: fielding@gbiv.com
URI: <https://roy.gbiv.com/>

Mark Nottingham (editor)
Fastly

EEmail: mnot@mnot.net
URI: <https://www.mnot.net/>

Julian F. Reschke (editor)
greenbytes GmbH
Hafenweg 16
Muenster, NW 48155
Germany

EEmail: julian.reschke@greenbytes.de
URI: <https://greenbytes.de/tech/webdav/>

