

HTTP

[[Docs](#)] [[txt](#)|[pdf](#)] [[draft-ietf-http-v...](#)] [[Diff1](#)] [[Diff2](#)] [[Errata](#)]

Obsoleted by: [7230](#), [7231](#), [7232](#), [7233](#), [7234](#), [7235](#)

Updated by: [2817](#), [5785](#), [6266](#), [6585](#)

Network Working Group

Request for Comments: 2616

Obsoletes: [2068](#)

Category: Standards Track

DRAFT STANDARD

~~Errata Exist~~

R. Fielding

UC Irvine

J. Gettys

Compaq/W3C

J. Mogul

Compaq

H. Frystyk

W3C/MIT

L. Masinter

Xerox

P. Leach

Microsoft

T. Berners-Lee

W3C/MIT

June 1999

Hypertext Transfer Protocol -- HTTP/1.1

Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

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PROPOSED STANDARD

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Internet Engineering Task Force (IETF)

Request for Comments: 7230

Obsoletes: [2145](#), [2616](#)

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R. Fielding, Ed.

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J. Reschke, Ed.

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Hypertext Transfer Protocol (HTTP/1.1): Message Syntax and Routing

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information systems. This document provides an overview of HTTP architecture and its associated terminology, defines the "http" and "https" Uniform Resource Identifier (URI) schemes, defines the HTTP/1.1 message

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Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information

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J. Reschke, Ed.

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Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information systems. This document defines HTTP/1.1 conditional requests.

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Hypertext Transfer Protocol (HTTP/1.1): Range Requests

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information systems. This document defines range requests and the rules for

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M. Nottingham, Ed.

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Hypertext Transfer Protocol (HTTP/1.1): Caching

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information

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Hypertext Transfer Protocol (HTTP/1.1): Authentication

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypermedia information systems. This document defines the HTTP Authentication framework.

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Hypertext Transfer Protocol (HTTP/1.1): Authentication

Abstract

The Hypertext Transfer Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypermedia information systems. This document defines the HTTP Authentication framework.

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Protocol (HTTP/1.1): Range Requests

Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypertext information systems. This document defines range requests and the rules for

Range Requests

Protocol (HTTP/1.1): Semantics and Content

Protocol (HTTP) is a stateless application-level protocol for distributed, collaborative, hypermedia information systems. This document defines the semantics and content

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HTTP briefly