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Register a new reserved content coding value
draft-deng-httpbis-unknown-content-coding-00

Abstract

This document proposes a new reserved value unknown for the HTTP protocol parameter content coding.

About This Document

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

The latest revision of this draft can be found at https://guohuideng2024.github.io/register_unknown_cc/draft-deng-register-a-reserved-content-coding-value.html. Status information for this document may be found at <https://datatracker.ietf.org/doc/draft-deng-httpbis-unknown-content-coding/>.

Source for this draft and an issue tracker can be found at https://github.com/guohuideng2024/register_unknown_cc.

Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of BCP 78 and BCP 79.

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Table of Contents

1. Rationale and proposal	2
2. Conventions and Definitions	2
3. Security Considerations	2
4. IANA Considerations	3
5. Normative References	3
Acknowledgments	3
Author's Address	3

1. Rationale and proposal

There is a need to convert (<https://github.com/whatwg/fetch/pull/1796>) an arbitrary content encoding value from a http response to unknown, if the UA(user agent) doesn't recognize or support the original content encoding value. This conversion requires that the original value cannot be unknown.

Therefore, this document proposes a new reserved value unknown for the HTTP protocol parameter. A content coding value cannot be unknown.

2. Conventions and Definitions

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "NOT RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in BCP 14 [RFC2119] [RFC8174] when, and only when, they appear in all capitals, as shown here.

3. Security Considerations

No security concerns.

4. IANA Considerations

IANA maintains a HTTP Content Coding Registry (<https://www.iana.org/assignments/http-parameters/http-parameters.xhtml>). If this proposal becomes a standard, a new reserved value unknown will be added to the registry.

5. Normative References

- [RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, DOI 10.17487/RFC2119, March 1997, <<https://www.rfc-editor.org/rfc/rfc2119>>.
- [RFC8174] Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174, May 2017, <<https://www.rfc-editor.org/rfc/rfc8174>>.

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