Hypertext Transfer Protocol

/\*Pinagsama-sama ko na ang HTTP 1.0 (RFC 1945), HTTP 1.1 (RFC 2616), and HTTP 2 (RFC 7540) \*/

HTTP

* The Hypertext Transfer Control Protocol was invented by Sir Tim Berners-Lee at CERN (Conseil Européen pour la Recherche Nucléaire or European Organization for Nuclear Research)

VERSION HISTORY

|  |  |  |  |
| --- | --- | --- | --- |
|  | HTTP 1.0 (RFC 1945) | HTTP 1.1(RFC 2616) | HTTP 2 (RFC 7540) |
| Month and Year | May 1996 | June 1999 | May 2015 |

STATUS CODE DEFINITIONS

|  |  |  |  |
| --- | --- | --- | --- |
| HTTP STATUS CODE DEFINITIONS | | | |
|  | HTTP 1.0 | HTTP 1.1 | HTTP 2 |
| Informational 1xx |  | 100 Continue |  |
|  | 101 Switching Protocol |  |
| Successful 2xx | 200 OK | 200 OK |  |
| 201 Created | 201 Created |  |
| 202 Accepted | 202 Accepted |  |
|  | 203 Non-Authoritative Information |  |
| 204 No Content | 204 No Content |  |
|  | 205 Reset Content |  |
|  | 206 Partial Conent |  |
| Redirection 3xx | 300 Multiple Choices | 300 Multiple Choices |  |
| 301 Moved Permanently | 301 Moved Permanently |  |
| 302 Moved Temporarily | 302 Found |  |
|  | 303 See Other |  |
| 304 Not Modified | 304 Not Modified |  |
|  | 305 Use Proxy |  |
|  | 306 (Unused) |  |
|  | 307 Temporary Redirect |  |
| Client Error 4xx | 400 Bad Request | 400 Bad Request |  |
| 401 Unauthorized | 401 Unauthorized |  |
|  | 402 Payment Required |  |
| 403 Forbidden | 403 Forbidden |  |
| 404 Not Found | 404 Not Found |  |
|  | 405 Method Not Allowed |  |
|  | 406 Not Acceptable |  |
|  | 407 Proxy Authentication Required |  |
|  | 408 Request Timeout |  |
|  | 409 Conflict |  |
|  | 410 Gone |  |
|  | 411 Length Required |  |
|  | 412 Precondition Failed |  |
|  | 413 Request Entity Too Large |  |
|  | 414 Request-URI Too Long |  |
|  | 415 Unsupported Media Type |  |
|  | 416 Request Range Not Satisfiable |  |
|  | 417 Expectation Failed |  |
| Server Error 5xx | 500 Internal Server Error | 500 Internal Server Error |  |
| 501 Not Implemented | 501 Not Implemented |  |
| 502 Bad Gateway | 502 Bad Gateway |  |
| 503 Service Unavailable | 503 Service Unavailable |  |
|  | 504 Gateway Timeout |  |
|  | 505 HTTP Version Not Supported |  |

Informational 1xx

-Does not define any status in HTTP 1.0 and is not a valid response to the request of HTTP 1.0. It also does not require headers for Informational 1xx. Since in HTTP 1.0 doesn’t define any status codes, clients of HTTP 1.0 must not response to the servers sending 1xx. However in HTTP 1.1, a client of HTTP 1.1 should be prepared to accept one or more status responses of 1xx. User agent may ignore the unexpected status responses.

100 Continue

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Successful 2xx

– this status code indicates that the request of the client was received, understood and accepted successfully.