*HTTP Response Message*

* Status line
  + HTTP protocol version
  + Status code
  + Reason phrase
* Response headers
* Empty line
* Message body

*HTTP Request Methods*

* GET
  + Most commonly used HTTP method
  + Used to request from the server the retrieval of the source identified by the request URI; the retrieved resource is returned in the message body as an entity.
  + Can be combined with conditional and/or range request headers to effect conditional and/or partial resource retrieval
  + Must be supported by all general-purpose servers.
* HEAD
  + Identical to GET, except the message body is not included in the response
* POST
  + Request that the origin server accept the entity enclosed in the request as a new subordinate of the resource identified by the Request-URI in the Request-Line.
* OPTIONS
  + Request for information about the communication options available on the request/response chain identified by the Request-URI. This method allows the client to determine the options and/or requirements associated with a resource, or the capabilities of a server, without implying a resource action or initiating resource retrieval.
* TRACE
  + Request the server to “echo” back to the client the received request
  + Typically used for testing/diagnostics of the request chain
* PUT
  + Request the server to store the enclosed entity in the message under the specified request URI
* DELETE
  + Request the server to delete the resource identified by the request URI
* CONNECT
  + Reserved for use of tunneling proxy servers

*Idempotent Methods*

* The methods GET, HEAD, PUT and DELETE share this property.

*HTTP Message Headers*

* General Header Fields
  + Cache-control
  + Connection
  + Date
  + Pragma
  + Trailer
  + Transfer-encoding
  + Upgrade
  + Via
  + Warning
* Request Header Fields
  + Accept
  + Accept-charset
  + Accept-encoding
  + Accept-Language
  + Authorization
  + Expect
  + From
  + Host
  + If-Match
  + If-Modified-Since
  + If-None-Match
  + If-Range
  + If-Unmodified-Since
  + Max-forward
  + Proxy-Authorization
  + Range
  + Referrer
  + User-Agent
* Response Header Fields
  + Accept-Range
  + Age
  + E-Tag
  + Location
  + Proxy-Authenticate
  + Retry-After
  + Server
  + Vary
  + WWW-Authenticate
* Entity Header Fields
  + Allow
  + Content-encoding
  + Content-language
  + Content-length
  + Content-location
  + Content-MD5

o Content-range

o Content-type

o Expires

o Last Modified

*HTTP Status Codes*

* Informational (1xx)
  + 100 Continue
  + 101 Switching Protocols
* Success (2xx)
  + 200 OK
  + 202 Accepted
  + 203 Non-Authoritative Information
  + 204 No Content
  + 205 Reset Content
  + 206 Partial Content
* Redirection (3xx)
  + 300 Multiple Choices
  + 301 Moved Permanently
  + 302 Found
  + 303 See Other
  + 304 Not Modified
  + 305 Use Proxy
  + 307 Temporary Redirect

* Client Error (4xx)
  + 400 Bad Request
  + 401 Unauthorized
  + 402 Payment Required
  + 403 Forbidden
  + 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
  + 501 Not Implemented
  + 502 Bad Gateway
  + 503 Service Unavailable
  + 504 Gateway Timeout
  + 505 HTTP Version Not Supported

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