

Request

Header	Value	Description
action	GET /books/v1/volumes?q=turing HTTP/1.1	This is not really a header, but we use the GET verb to retrieve a resource. This resource is defined with a query set to "turing". We also specify we are using HTTP version 1.1
Host	www.googleapis.com	The host name that owns the resource is googleapis
cache-control	no-cache	We tell the caching mechanism that we do not want this request cached
postman-token	6c5dc850-7e94-e118-2b23-5b57b540c905	Used to bypass bug in Chrome, where if two XML requests are sent, Chrome returns the same response for both. This ensures that the returned responses of subsequent requests are unique.

Response

Header	Value	Description
alt-svc	quic=":443";ma=604800;v="30,29,28,27,26,25"	Allows for origin's resources to be accessible through another protocol (QUIC)
alternate-protocol	443:quic,p=1	Defines an alternate transport

		protocol that can be used. In this case it is QUIC (Quick UDP Internet Connections) 443 is the port.
cache-control	private,max-age=0;must-revalidate,no-transform	Gives directives to the caching mechanisms along the way. Here the message is defined for only a single user with no allowable age and the response must be revalidated each time. So no caching should be performed.
content-encoding	gzip	The message body is encoded with gzip.
content-length	6758	The length of the message body is 6758 characters
content-type	application/json;charset=UTF-8	The media type of the message body. In this case, it is a json payload with UTF-8 character set
date	Sat,13 Feb 2016 18:22:18 GMT	The date and time that the request was fulfilled by the server
etag	"3z2GbiG39NRdo416x8jooT TBAqY/Yoy7L2npV-p9PN2G z3tHwQsIBXA"	The etag can be used in a conditional statement for cache updating. It allows the client to verify if the current cached content is sufficient, or if another GET request is needed.
expires	Sat, 13 Feb 2016 18:22:18GMT	The date after which the message is considered stale and must be retrieved again.
server	GSE	Information about the server handling the request.
status	200	The status code of the

		request. We got 200 OK
vary	Origin,X-Origin	Gives the caching proxies additional information about caching the message for future use.
x-content-type-options	nosniff	Prevents IE and Chrome from MIME sniffing the response away from the declared content-type.
x-frame-options	SAMEORIGIN	Gives clickjacking protection. the SAMEORIGIN means no rendering if there is an origin mismatch
x-xss-protection	1;mode=block	Enables the cross-site scripting filter.