What is ETag header and how it works?

ETag stands for **entity tag**. Etag Header is a response header element which provides a mechanism to cache the unchanged resources. Whenever we make an API call, we can use this header value to track if there is any change in the resource or not. ETag header's value is an identifier which represents a specific version of the resource.

Here's an example of ETag header:

cache-control   max-age=0, private, must-revalidate

connection   keep-alive

content-encoding   gzip

content-length   651

content-type   application/json; charset=utf-8

date   Wed, 13 Mar 2019 05:24:40 GMT

etag   W/"a5e040a829aed97cfde76b55c5eca462-gzip"

Etag header's value will always remain the same if there is no change in the resource requested in the API call. So whenever we need to make bulk changes based on the API response, we can use this value to identify if there is any changes in the resources since our previous API request. Hence, we can save a lot of time if we need to make several changes in our application based on API call.

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