⊟□ **Documentation**   Language: Swift

Instance Method

ifMatch(headers:eTag:context: process:)

Conditional request which will only be processed if the eTag supplied is in the `If-Match` request header.

```swift
func ifMatch(
    headers: HTTPFields = [:],
    eTag: String,
    context: some RequestContext,
    process: () async throws -> some ResponseGenerator
) async throws -> Response
```

Parameters

headers
  Headers to add to response when condition fails

eTag
  ETag for this responses content

context
  Request context

process
  Closure to run if eTag is not in the `If-None-Match` header

Return Value

Response

Discussion

- For GET and HEAD methods, used in combination with a Range header, it can guarantee that the new ranges requested come from the same resource as the previous one.

- For other methods, and in particular for PUT, If-Match can be used to prevent the lost update problem. It can check if the modification of a resource that the user wants to upload will not override another change that has been done since the original resource was fetched.