

Caching HTTP Requests with Interceptors



Brice Wilson

@brice_wilson www.BriceWilson.net



Benefits of Caching

Reduced network utilization

Reduced load on backend systems

Improved responsiveness for the end user

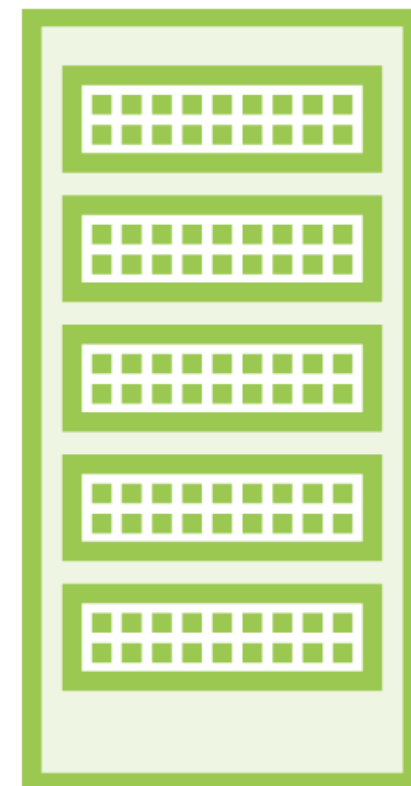


Caching with Interceptors

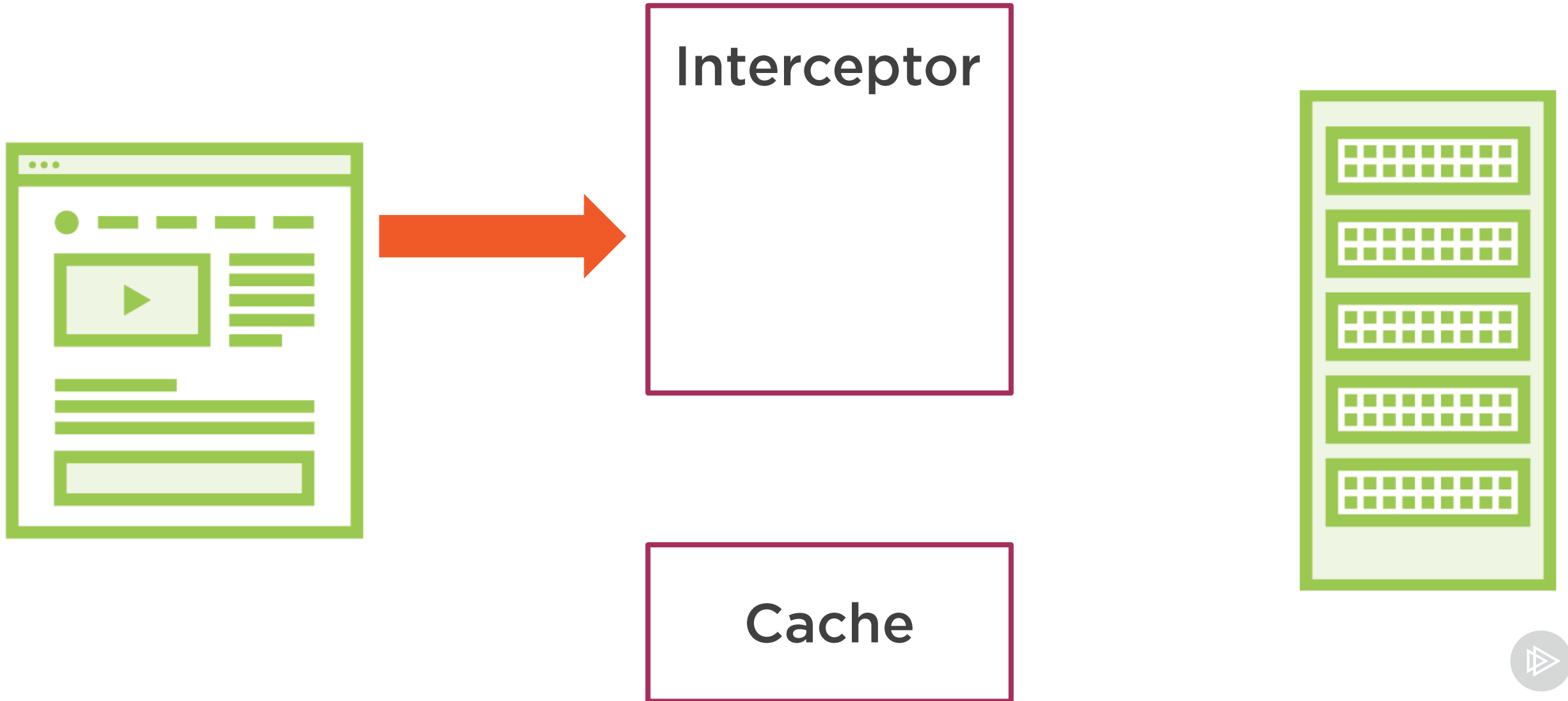


Interceptor

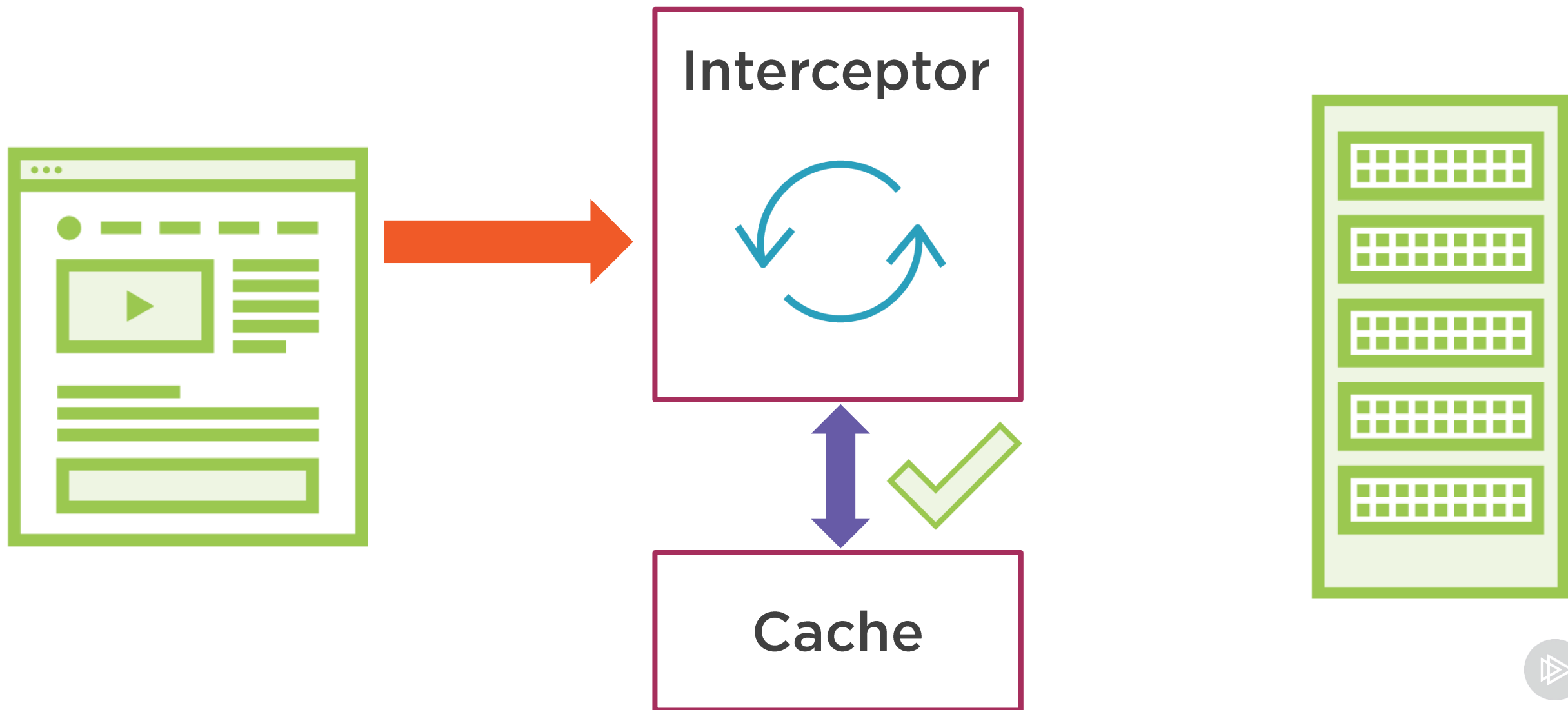
Cache



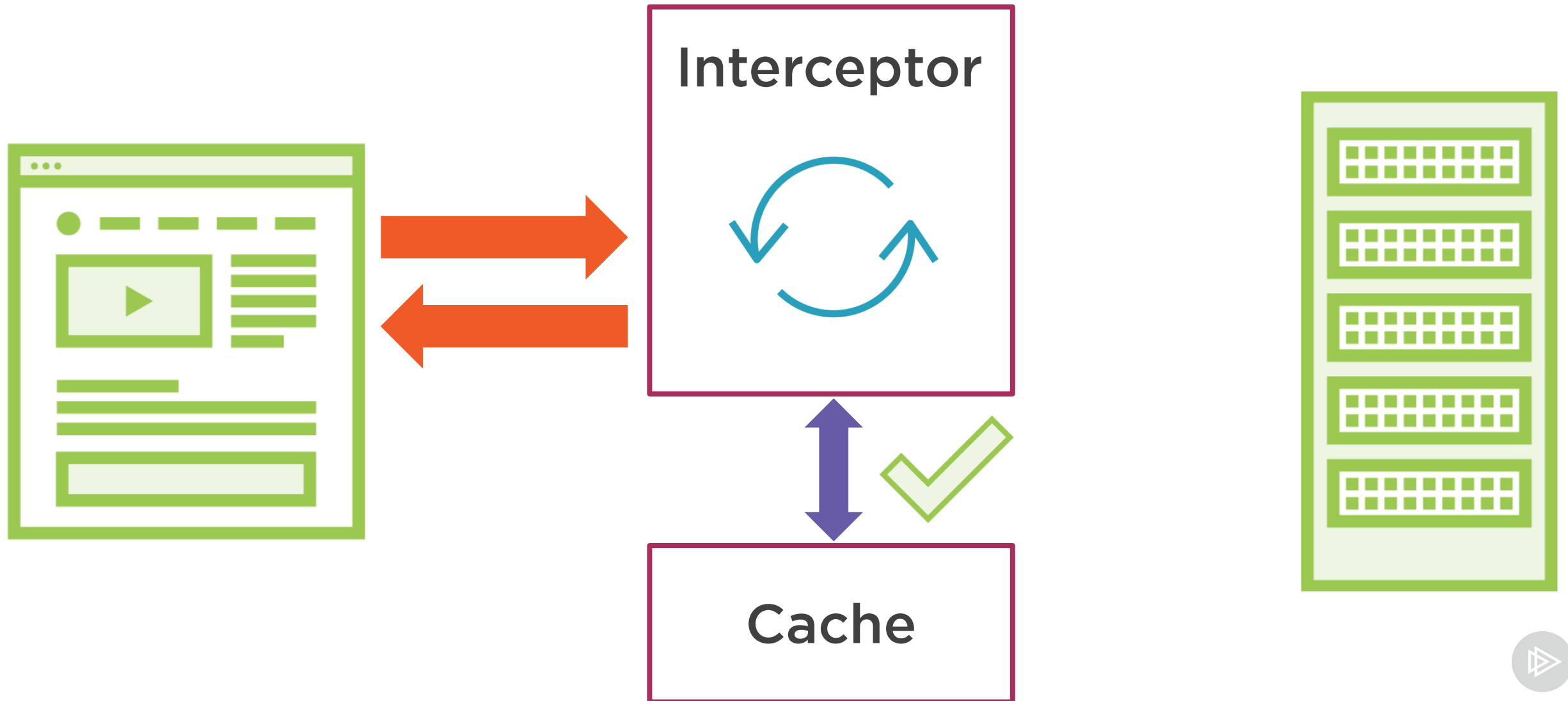
Caching with Interceptors



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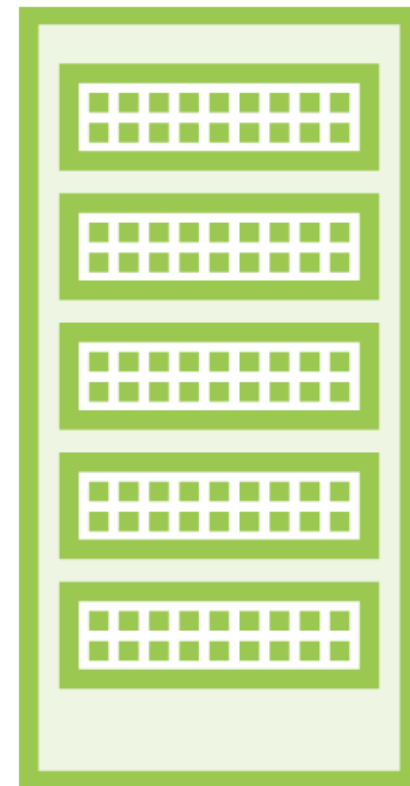


Caching with Interceptors

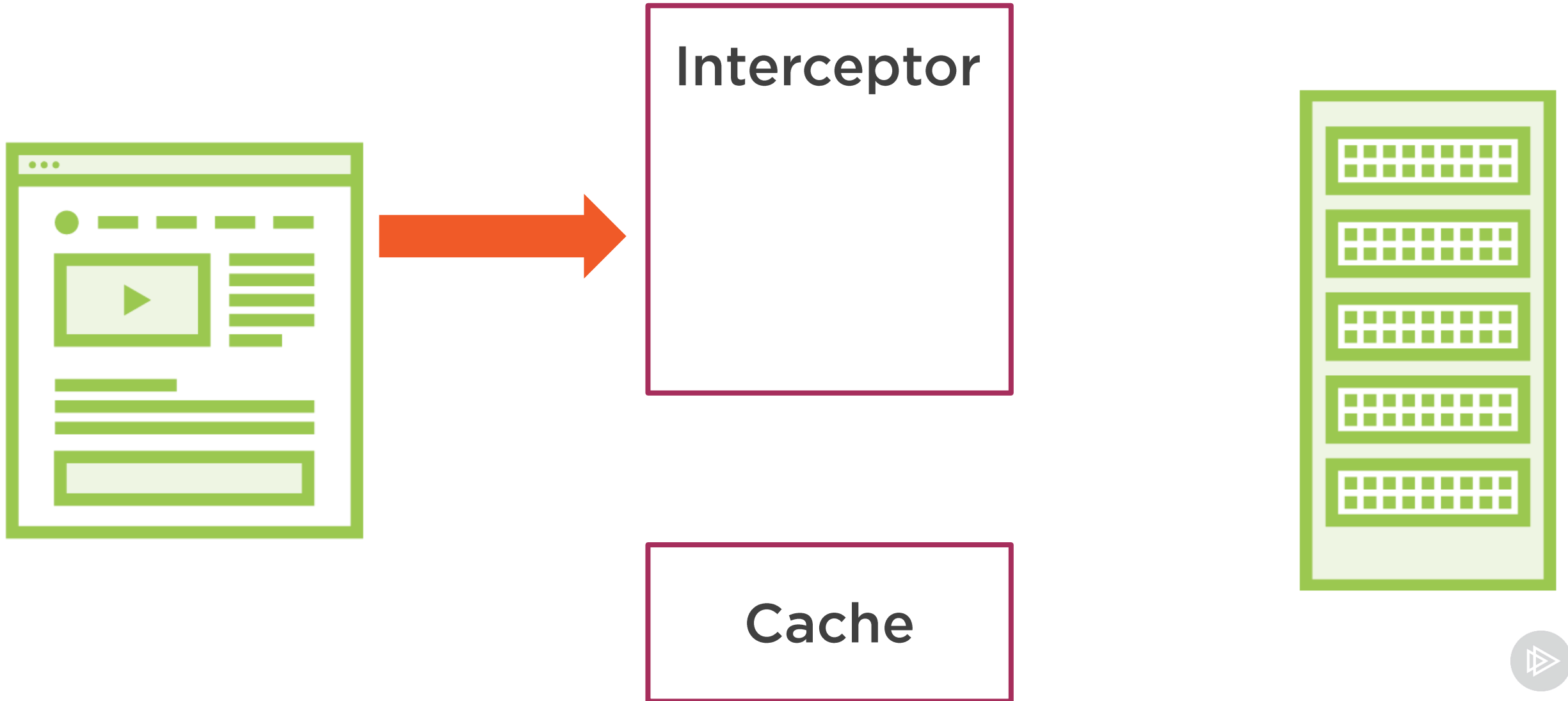


Interceptor

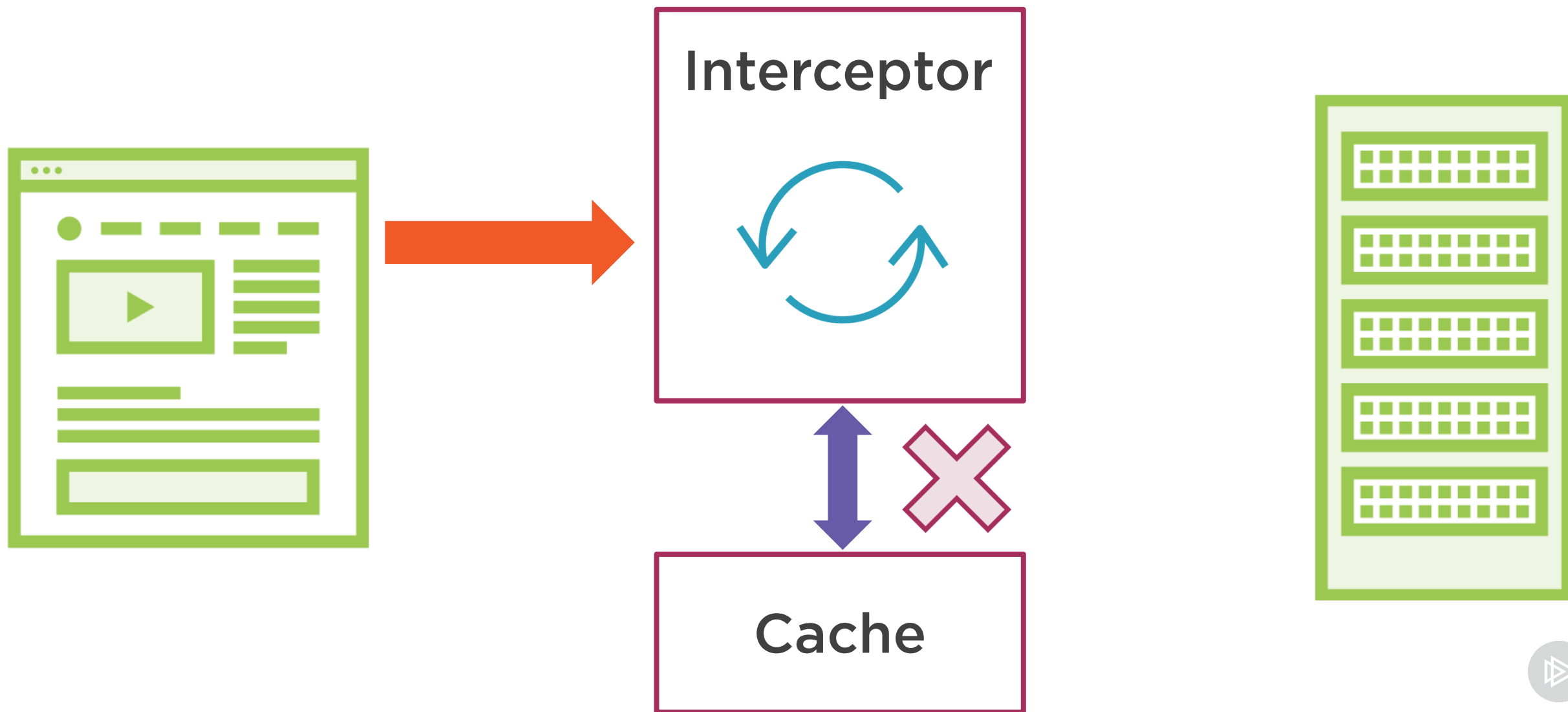
Cache



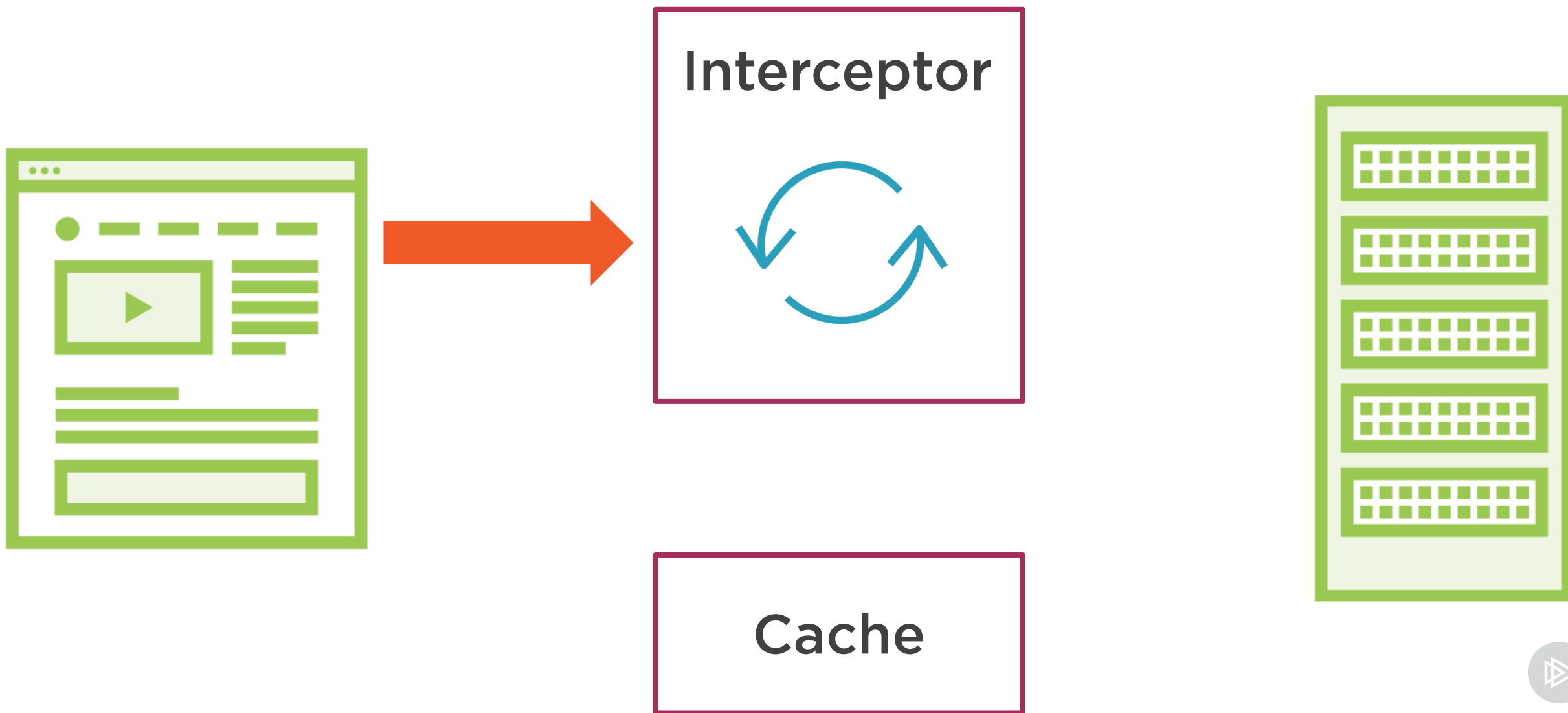
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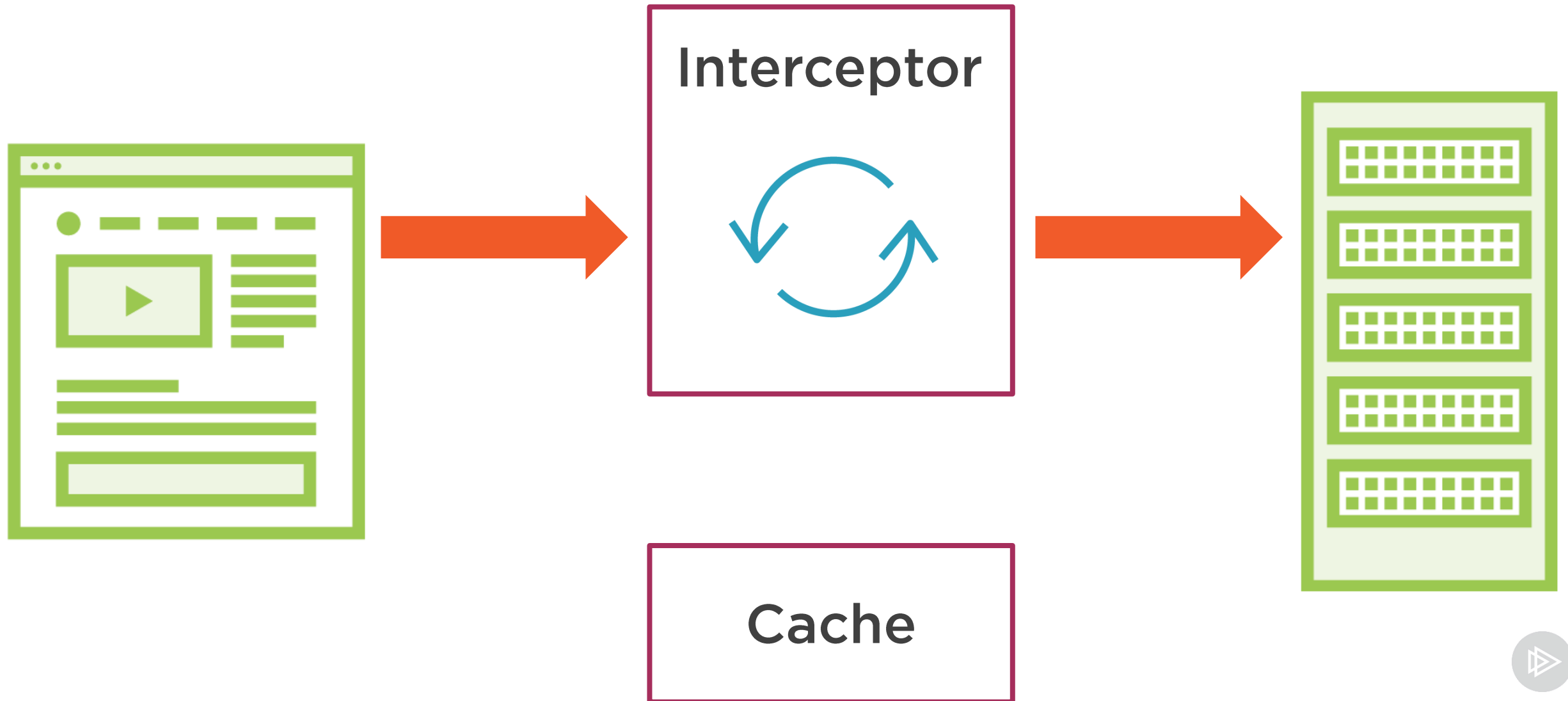
Caching with Interceptors



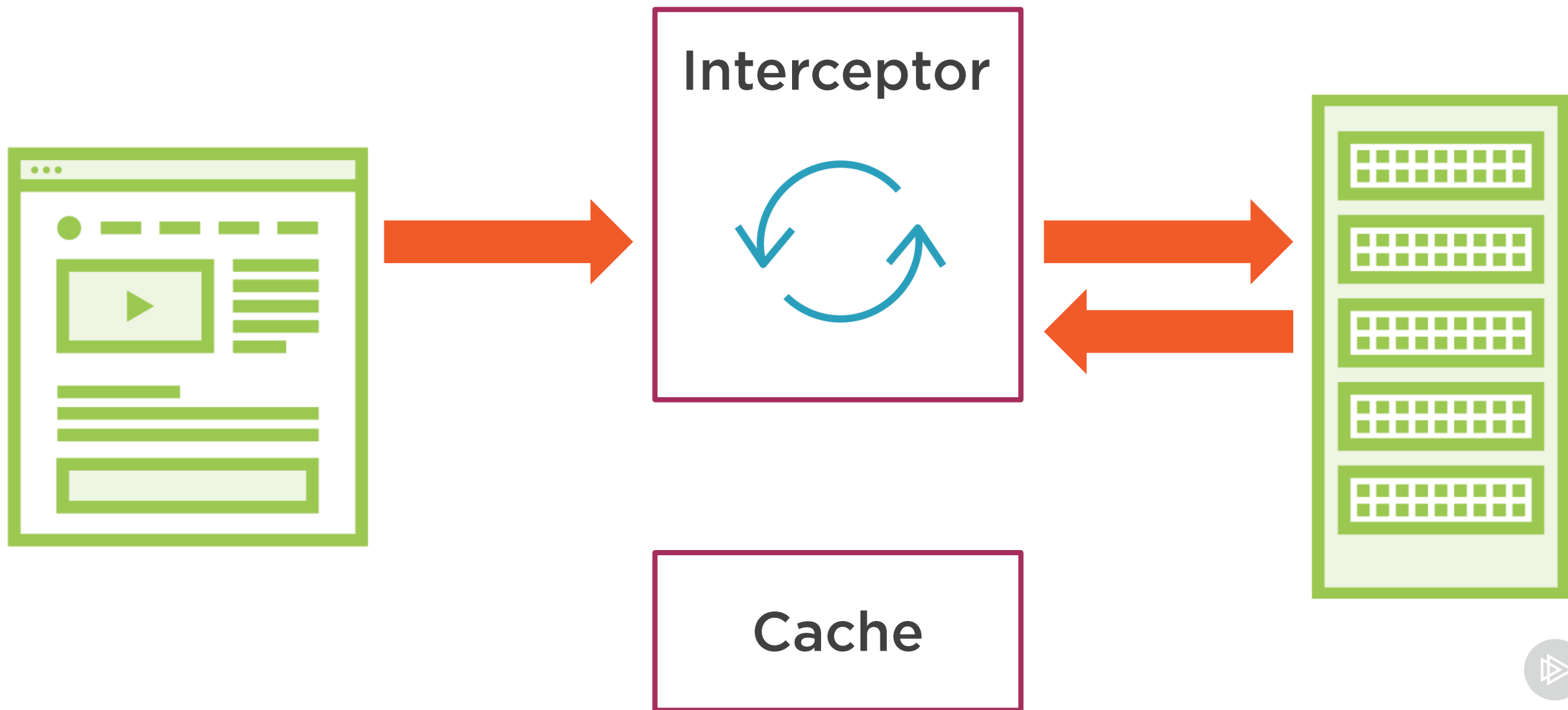
Caching with Interceptors



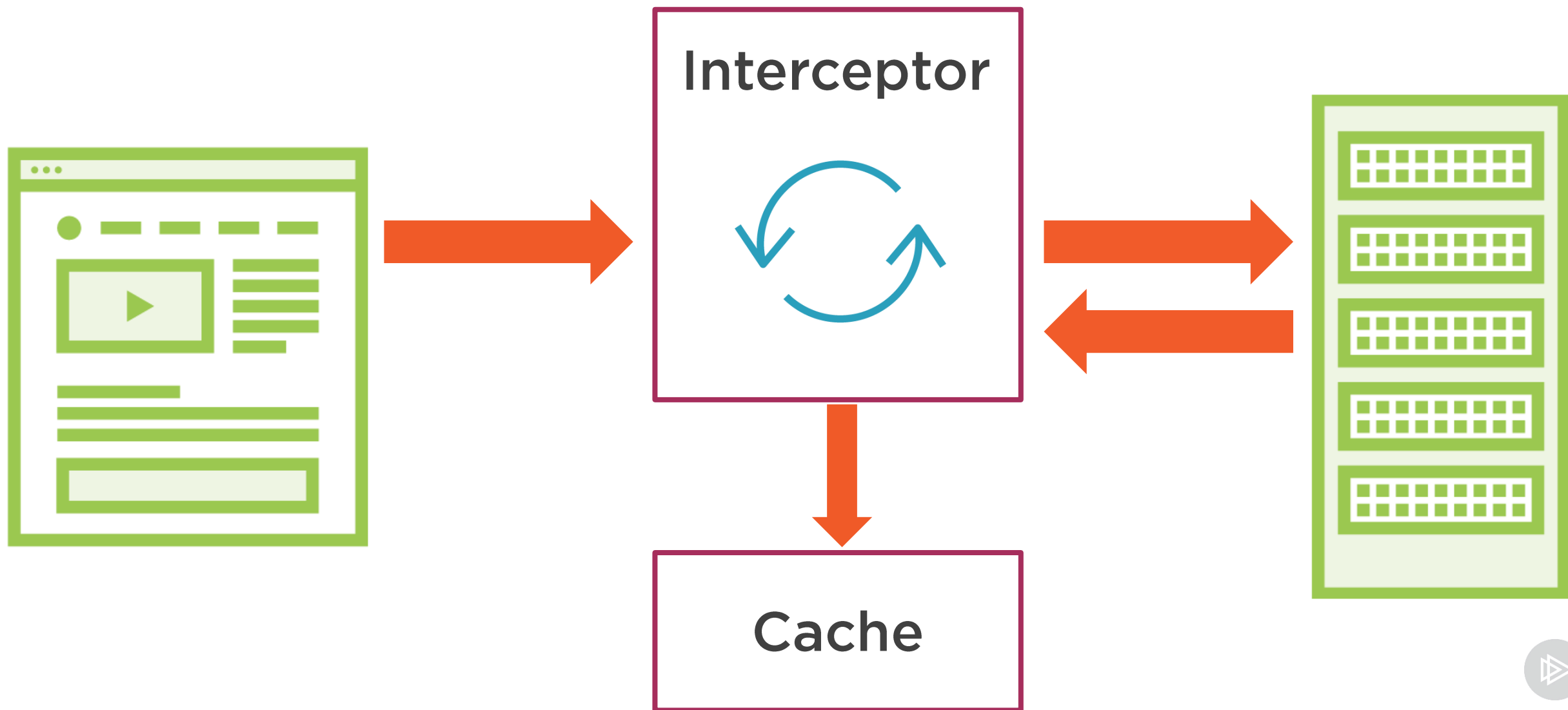
Caching with Interceptors



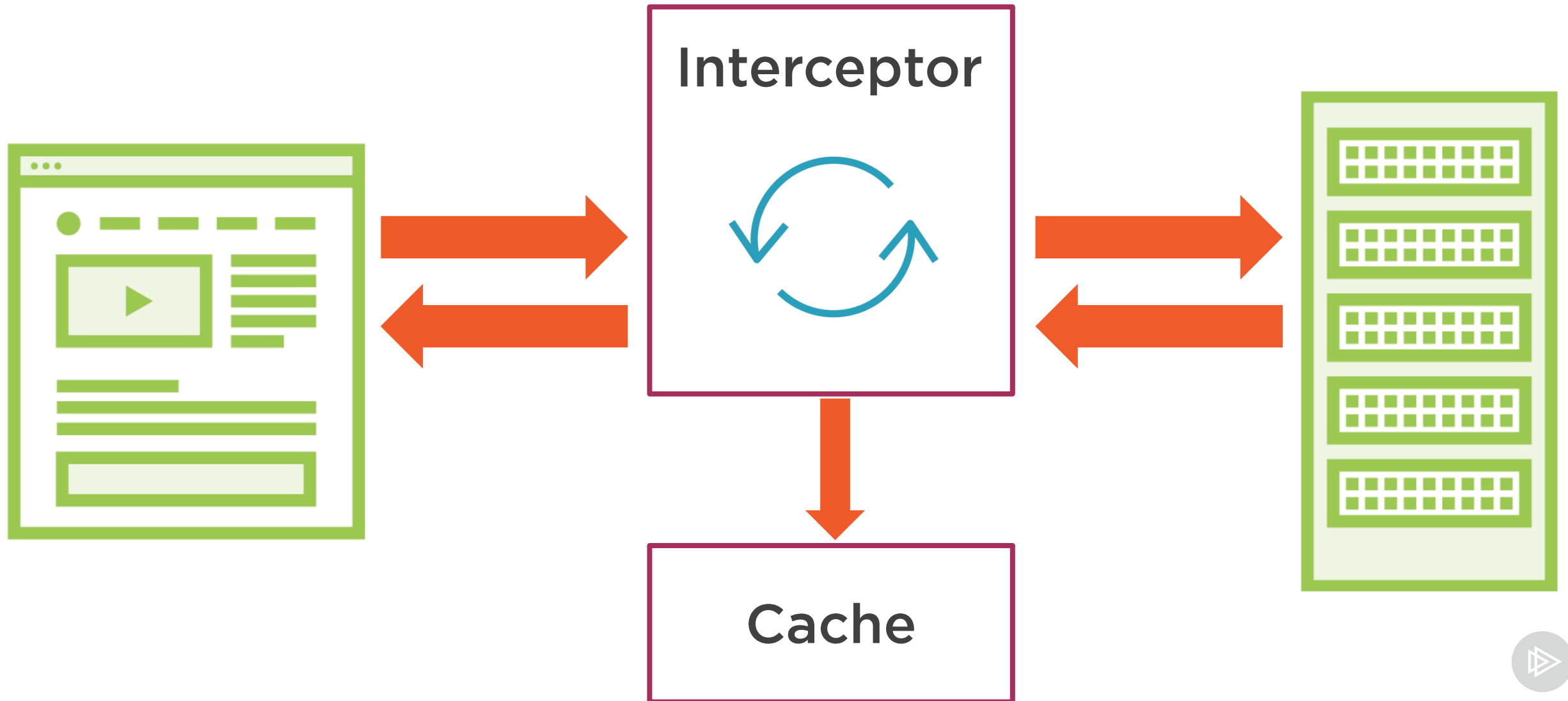
Caching with Interceptors



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Caching with Interceptors



Role of the Cache Service

Provide a data structure for the cached items

Add items to the cache

Retrieve items from the cache

Remove items from the cache (cache invalidation)



Demo



Create a service to store cached HTTP requests



Demo



Create an interceptor to cache HTTP requests



Demo



Controlling the cache with HTTP
metadata

