ANDROID KOTLIN - INTERVIEW SECRETS

Interceptor Interview Question For Android Kotlin

What is network interceptor?

Network interceptors are designed to not invoke cached responses and observe data between transmissions and also access to the Connection in the request.

What is the usage of interceptors?

Interceptors are another important component of application development. They are used to alter HTTP requests by including various functions. Interceptors are an excellent way to modify the HTTP request or response to make it more simple and understandable.

Why HTTP interceptor is used?

Interceptors help us ensure to process all HTTP requests and responses before sending or getting the request, giving us the power to manage communication. We have several places or scenarios to use them: Logging and reporting progress. Adding headers to the request.

What is an interceptor in technology?

The Interceptor™ solution is a floating system that has been designed to concentrate all plastic waste before it is extracted from rivers. It consists of a 600-metre-long "floater" on the water surface and a 3.5-metre-deep screen to prevent microplastics from escaping underneath.

What is interceptor in Microservices?

An interceptor is added before or after the call to the process responsible for handling the declared logic within the application. This interceptor involves your code and will act as a security guardian.

What are interceptors in API?

Interceptor is an API gateway server built for accepting API requests from the client applications and routing them to the appropriate backend services. May it be a single service or multiple services to be called in a single API call, interceptor provides you with the necessary tools to control your API request flow.

Are interceptors and filters different?

Interceptors share a common API for the server and the client side. Whereas filters are primarily intended to manipulate request and response parameters like HTTP headers, URIs and/or HTTP methods, interceptors are intended to manipulate entities, via manipulating entity input/output streams.

What is interceptor for HTTP calls?

A request interceptor is a piece of code that gets activated for every HTTP request sent and received by an application. It's a layer in between clients and servers that modifies the request and responses, therefore, by intercepting the HTTP request, we can change the value of the request.

What does intercept HTTP mean?

Intercepting HTTP Requests means manipulating the HTTP requests made by the browser through the user or through asynchronous event handlers. With the help of web extension API, you can intercept any kind of web requests which are done in your browser.

How HTTP can be intercepted?

To intercept HTTP requests, use the webRequest API. This API enables you to add listeners for various stages of making an HTTP request. In the listeners, you can: Get access to request headers and bodies and response headers.

What is interceptor in authentication?

The main purpose of the interceptor to capture and modify HTTP requests and responses. The interceptor can help with a variety of tasks: using in authorization processes by adding a token for the request, changing headers, modifying response from server, retrying failed requests, caching and many other common tasks.

What is interceptor and how it works?

Interceptors are used in conjunction with Java EE managed classes to allow developers to invoke interceptor methods on an associated target class, in conjunction with method invocations or lifecycle events. Common uses of interceptors are logging, auditing, and profiling.

What is interceptor in HttpClient?

HTTP protocol interceptor is a routine that implements a specific aspect of the HTTP protocol. Usually protocol interceptors are expected to act upon one specific header or a group of related headers of the incoming message or populate the outgoing message with one specific header or a group of related headers.

What is retrofit interceptor?

Retrofit is a commonly used type-safe REST client for android and java. Retrofit provides additional functionalities for the custom headers, multiparts request body, file upload and download, mocking responses and many more. Interceptors and authenticators are one of them.

https://square.github.io/okhttp/features/interceptors/
https://amitshekhar.me/blog/okhttp-interceptor

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