



# Making Your First HTTP Request With Retrofit



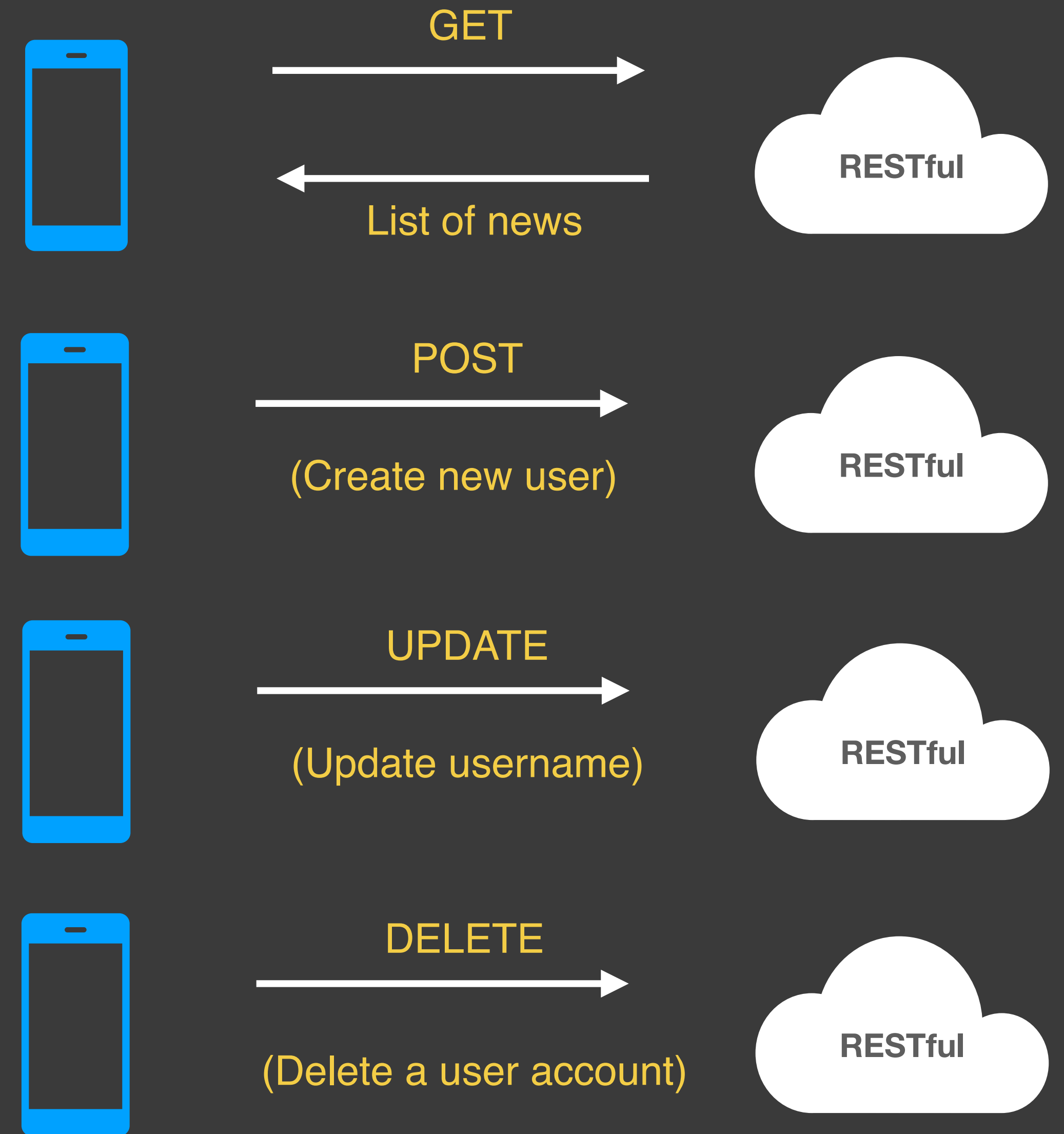
# Section Overview

- Types of HTTP requests
- Defining an HTTP request
- Working with the GET request
- Making GET requests with Retrofit



# Types of HTTP Requests

- **GET** request is used to retrieve data from a server
- **POST** request is used to create data in a server
- **DELETE** request is used to delete data in a server
- **UPDATE** request is used to update data in a server
- **PUT** request is used to replace data in a server



# Defining a HTTP Request

- Create an interface with a function annotated with your HTTP request
- **API KEY** is an unique code that allows you to use an API
- **PATH** allows replacement of a URL placeholder at runtime

```
interface NewsApiService {  
  
    @GET("https://newsapi.org/v2/latestNews/{apiKey}")  
    fun fetchLatestNews(fetchLatestNews  
        @Path("apiKey") apiKey: String = "13drrfrfr45t5t"  
    ): Response<List<News>>  
}  
}
```



# Retrofit Instance

```
@Provides
@Singleton
fun provideRetrofit(): Retrofit {
    return Retrofit.Builder()
        .baseUrl("https://imdb-api.com/en/API/")
        .build()
}
```



# Section Summary

- Types of HTTP requests like **GET, POST, DELETE**
- Create a GET HTTP Request
- **API KEY** is a special code that allows access to an API
- Define a Retrofit Instance that will be used to make the HTTP request





# Creating Dynamic URLs

Up Next

