**Note app**

**interface** JSONApi {  
 */\* http://localhost/note\_restful/android/readlAll.php \*/* @GET(**"readAll.php"**)  
 **fun** getAllNotes(): Call<Any>  
  
 */\* http://localhost/note\_restful/android/delete.php?id=5 \*/* @DELETE(**"delete.php"**)  
 **fun** deleteNote(@Query(**"id"**) id: Int): Call<Void>  
  
 */\*http://localhost/note\_restful/android/update.php?id=33&title=A1&content=A2\*/* @PUT(**"update.php"**)  
 **fun** updateNote(  
 @Query(**"id"**) id: Int,  
 @Query(**"title"**) title: String,  
 @Query(**"content"**) content: String  
 ): Call<Void>  
  
 */\*http://localhost/note\_restful/android/insert.php\*/* @FormUrlEncoded  
 @POST(**"insert.php"**)  
 **fun** insertNote(@Field(**"title"**) title: String,  
 @Field(**"content"**) content: String): Call<Void>  
  
 */\*http://localhost/note\_restful/android/deleteAll.php\*/* @DELETE(**"deleteAll.php"**)  
 **fun** deleteAllNote(): Call<Void>  
}

Retrofit demo

**interface** JSONApi {  
 */\*http://jsonplaceholder.typicode.com/posts\*/* @GET(**"posts"**)  
 **fun** getPosts(): Call<List<PostObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts/3/comments\*/* @GET(**"posts/{id}/comments"**) *// giả sử id là một value của editText user nhập vào* **fun** getComments(@Path(**"id"**) postId: Int): Call<List<CommentObj>> *// @Path: tên thay thế trong đường dẫn  
  
 /\*http://jsonplaceholder.typicode.com/posts?userId=4\*/  
 // @Query (value) phải giống với tham số trên url* @GET(**"posts"**)  
 **fun** getPosts2(@Query(**"userId"**) userId: Int): Call<List<PostObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts?userId=4&\_sort=id&\_order=desc\*/* @GET(**"posts"**)  
 **fun** getPosts3(  
 @Query(**"userId"**) userId: Int,  
 @Query(**"\_sort"**) sort: String,  
 @Query(**"\_order"**) order: String  
 ): Call<List<PostObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts?userId=4&userId=2&\_sort=id&\_order=desc\*/* @GET(**"posts"**)  
 **fun** getPosts4(  
 @Query(**"userId"**) userId: Int,  
 @Query(**"userId"**) userId2: Int,  
 @Query(**"\_sort"**) sort: String,  
 @Query(**"\_order"**) order: String  
 ): Call<List<PostObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts?userId=2&userId=3&userId=6&\_sort=null&\_order=null\*/* @GET(**"posts"**)  
 **fun** getPosts5(  
 @Query(**"userId"**) userIds: Array<Int>,  
 @Query(**"\_sort"**) sort: String,  
 @Query(**"\_order"**) order: String  
 ): Call<List<PostObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts?userId=1&\_sort=id&\_order=desc\*/* @GET(**"posts"**)  
 **fun** getPosts6(@QueryMap parameters: HashMap<String, String>): Call<List<PostObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts/3/comments\*/* @GET  
 **fun** getComments2(@Url url: String): Call<List<CommentObj>>  
  
 */\*http://jsonplaceholder.typicode.com/posts\*/* @POST(**"posts"**)  
 **fun** createPost(@Body post: PostObj): Call<PostObj>  
  
 */\*http://jsonplaceholder.typicode.com/posts\*/* @FormUrlEncoded  
 @POST(**"posts"**)  
 **fun** createPost2(  
 @Field(**"userId"**) userId: Int,  
 @Field(**"title"**) title: String,  
 @Field(**"body"**) text: String  
 ): Call<PostObj>  
  
 */\*http://jsonplaceholder.typicode.com/posts\*/* @FormUrlEncoded  
 @POST(**"posts"**)  
 **fun** createPost3 (@FieldMap fields: HashMap<String, String>): Call<PostObj>  
  
 */\*http://jsonplaceholder.typicode.com/posts?id=5\*/ //update post id = 5* @PUT(**"posts/{id}"**)  
 **fun** putPost(@Path(**"id"**) id: Int, @Body post: PostObj): Call<PostObj>  
  
 */\*http://jsonplaceholder.typicode.com/posts?id=5\*/* @FormUrlEncoded  
 @PATCH(**"posts/{id}"**)  
 **fun** patchPost(@Path(**"id"**) id: Int,  
 @Field(**"userId"**) userId: Int,  
 @Field(**"title"**) title: String?,  
 @Field(**"body"**) text: String  
 ): Call<PostObj>  
  
 */\*http://jsonplaceholder.typicode.com/posts?id=5\*/* @DELETE(**"posts/{id}"**)  
 **fun** deletePost(@Path(**"id"**) id: Int): Call<Void>  
}