

API Requests Continued...



Day 11

1. Extending GET API for List of Data
2. Rendering List of Data with FutureBuilder
3. Handling Basic Exceptions

List of Data with GET Request

- Store data from GET Request in dynamic list
- Map dynamic list to List of your Model class
- Return List of Model data

Render List of Data on UI

- Retrieve list of data in FutureBuilder
- Return a nested ListView.builder on snapshot (item in list of data)
- Return appropriate widget to render data based on Model

Handling Basic Exceptions

- SocketException
- TimeoutException
- HttpException

Implementation

GET and POST API requests for list of Data

- Model (**BlogPost class**)
- Controller (**fetchAllBlogPosts**)
- Render data using **FutureBuilder** with nested **ListView.builder**

Assignment

- Test API with Postman
- Implement **GET and POST Requests** for list of data, render data using FutureBuilder & ListView.builder
- Implement Exception Handling

Reference Links

- **Generate Dart class from JSON**

https://javiercbk.github.io/json_to_dart/

- **Sample APIs for testing**

<https://reqres.in>

<https://jsonplaceholder.typicode.com>