

*fetch\_test.dart*

```
import 'dart:convert';
import 'dart:developer';
import 'package:flutter/material.dart';
import 'package:flutter_api_fetch_paddictyt/mytest/docs/album.dart';
import 'package:flutter_api_fetch_paddictyt/mytest/docs/backend.dart';
import 'package:http/http.dart' as http;

class FetchTest extends StatefulWidget {
  const FetchTest({Key? key}) : super(key: key);

  @override
  State<FetchTest> createState() => _FetchTestState();
}

class _FetchTestState extends State<FetchTest> {
  late Album album;
  bool circular = true;

  getData() async {
    var temp = await fetchAlbum();
    setState(() {
      album = temp;
      circular = false;
    });
    return album;
  }
}
```

```
@override

void initState() {

    super.initState();

    getData();

}

@override

Widget build(BuildContext context) {

    return Scaffold(

        body: Center(

            child: circular ? CircularProgressIndicator() : Text(album.title),

        ),

    );

}

}
```

backend.dart

```
import 'dart:convert';

import 'package:flutter_api_fetch_paddictyt/mytest/docs/album.dart';
import 'package:http/http.dart' as http;

Future<Album> fetchAlbum() async {

  String URL = 'https://jsonplaceholder.typicode.com/albums/1';

  final response = await http.get(Uri.parse(URL));

  if (response.statusCode == 200) {
    print(response.body);

    final json = jsonDecode(response.body);

    return Album.fromJson(json);
  } else {
    print('connection error');
  }

  return Album(userId: 1, id: 1, title: 'null');
}
```

album.dart

```
class Album {  
    final int userId;  
    final int id;  
    final String title;  
  
    Album({required this.userId, required this.id, required this.title});  
  
    factory Album.fromJson(Map<String, dynamic> json) {  
        return Album(  
            userId: json['userId'] as int,  
            id: json['id'] as int,  
            title: json['title'] as String,  
        );  
    }  
}
```