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Error: List<dynamic> is not a subtype of type Map<String, dynamic>

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I am currently building an app to read data through an api and I am trying to parse a JSON api from JSON Placeholder.

I made a model class for the Users (users_future_model.dart):

```dart
class Users {
  final int userID;
  final String name;
  final String username;
  final String email;
  final Address address;

  Users({this.userID, this.name, this.username, this.email, this.address});

  factory Users.fromJson(Map<String, dynamic> usersjson)=> Users(
    userID: usersjson["id"],
    name: usersjson["name"],
    username: usersjson["username"],
    email: usersjson["email"],
    address: Address.fromJson(usersjson["address"])
  );
}

class Address{

  final String street;
  final String suite;
  final String city;
  final String zipcode;

  Address({this.street, this.suite, this.city, this.zipcode});

  factory Address.fromJson(Map<String, dynamic> addjson){

    return Address(
      street: addjson["street"],
      suite:  addjson["suite"],
      city: addjson["city"],
      zipcode: addjson["zipcode"]
    );
```

This is the main.dart to read the json into the widget:

```dart
    );
    }
  }

class MyHomePage extends StatefulWidget {
  @override
  _MyHomePageState createState() => new _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {

  @override
  Widget build(BuildContext context) {
    return new Scaffold(
      appBar: new AppBar(
        title: new Text("Parse JSON"),
      ),
      body: new Center(
        child: new Column(
          children: <Widget>[
            new FutureBuilder(
              future: fetchInfo(),
              builder: (context, snapshot){
                if(snapshot.hasData){
                  return new Text(snapshot.data.email);
                }else if(snapshot.hasError){
                  return new Text("Error ${snapshot.error}");
                }
              })
          ],
        ),
      )
    );
  }
}
```

This is the JSON information i'm trying to read although its only a small part of it:

```json
{
id: 1,
name: "Leanne Graham",
username: "Bret",
email: "Sincere@april.biz",
```

Linked

0   flutter: type 'List<dynamic>' is not a subtype of type 'String'

Related

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```
  address: {
    street: "Kulas Light",
    suite: "Apt. 556",
    city: "Gwenborough",
    zipcode: "92998-3874",
    geo: {
      lat: "-37.3159",
      lng: "81.1496"
    }
  },
  phone: "1-770-736-8031 x56442",
  website: "hildegard.org",
  company: {
    name: "Romaguera-Crona",
    catchPhrase: "Multi-layered client-server neural-net",
    bs: "harness real-time e-markets"
  }
}
```

The error i am currently running into is:

```
Error type 'List<dynamic>' is not a subtype of type 'Map<String, dynamic>'
```

How do i rectify this error?

`json` `flutter`

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asked Aug 15 '18 at 7:53

Asyraf Dayan
675 ● 2 ● 10 ● 27

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2 Answers

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API returns JSON array not json object so that is List not Map.

i.e. User json is first element of Json Array.

So to get first element use first index. Inside fetch Info update

```
return Users.fromJson(jsonresponse[0]);
```

share improve this answer

answered Aug 15 '18 at 9:15

Dhiraj Sharma
1,928 ● 11 ● 13

Dear Dhiraj and for import all data ..need to use a loop? thanks – Daniele Angelini Dec 24 '19 at 8:44

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checkout the article by Pooja Bhaumik,

Parsing complex Json in flutter

The article simplifies Json parsing in flutter.

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answered Dec 17 '19 at 13:46

kapsid
153 ● 1 ● 12

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