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

Ask Question

Asked 1 year, 5 months ago · Active 1 month ago · Viewed 15k times

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

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

```
);
}
}

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:

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

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

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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

2 Answers

active oldest votes

▲ API returns JSON array not json object so that is List not Map.
14 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,
1 [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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Email

Required, but never shown

detected for type

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