

```
import 'dart:async';  
import 'dart:convert';
```

```
import 'package:http/http.dart' as http;
```

→ Packages used

```
Future<FloraFauna> fetchFloraFauna() async {  
  final response =  
    await http.get(  
      'https://apps.des.qld.gov.au/species/?op=getkingdomnames&f=json'  
    );
```

→ get response from URL

```
  if (response.statusCode == 200) {  
    // If the server did return a 200 OK response,  
    // then parse the JSON.  
    return FloraFauna.fromJson(json.decode(response.body));  
  } else {  
    // If the server did not return a 200 OK response,  
    // then throw an exception.  
    throw Exception('Failed to load FloraFauna');  
  }  
}
```

→ If the server returned a OK response, return the body of the response
Else, throw an exception

```
class FloraFauna {  
  
  final List kingdom;  
  
  FloraFauna({ this.kingdom});  
  
  factory FloraFauna.fromJson(Map<String, dynamic> json) {  
    return FloraFauna(  
      kingdom: json['Kingdom'],  
  
    );  
  }  
}
```

→ The FloraFauna Class. Parses JSON data.