Using JSON with Web Services

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The **post** Function

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


var response = await http.post(

  'http://12.0.2.2:5000/profile',

  body: userProfile.toJson(),

  headers: {'Content-type': 'application/json'}

);

print(response.statusCode);
```

The **HttpClient**

```dart
import 'dart:io';


var httpClient = HttpClient();

var request = await httpClient.post('10.0.2.2', 5000, '/profile')

request.headers.contentType = ContentType.json;

request.write(userProfile.toJson());

var response = await request.close();

response.transform(/* */);
```

Additional HTTP Verbs

☞ | `http.put()`

☞ | `http.delete()`

☞ | `HttpClient.put(), HttpClient.putUrl()`

☞ | `HttpClient.delete(), HttpClient.deleteUrl()`

Summary

Making POST requests

`http` **package**

- Named parameters for **body** and **headers**

- `Content-type` header should be `application/json`

`HttpClient`

- Invoke the `post()` or `postUrl()` method

- Headers are set programmatically with the API

- Set the body contents with the `write()` method