

baka-pwapi-6

GET API Request in Playwright

```
1 //
2 const { test, expect } = require("@playwright/test");
3 import { faker } from "@faker-js/faker";
4 const { DateTime } = require("luxon");
5 var dynamicPostRequest = require("../test-data/dynamicrequestbody.json");
6 import { stringFormat } from "../utils/commons";
7
8 //first create data then get data.
9
10 test("Create GET api request in playwright", async ({
11   request,
12 }) => {
13
14
15   // const dynamicRequestBody=stringFormat(JSON.stringify(dynamicPostRequest),
16   // "testers talk cypress", "testers talk js", "banana")
17
18
19   //call the util function first.
20   var updatedRequestBody = stringFormat(
21     JSON.stringify(dynamicPostRequest),
22     "testers talk cypress",
23     "testers talk javascript",
24     "apple"
25   );
```

codesnap.dev

Continue from line 26 –

```
1 // create post api request using playwright
2 const postAPIResponse = await request.post("/booking", {
3   //convert the string received to json object.
4   //use json.parse and pass the string.
5   data: JSON.parse(updatedRequestBody),
6 });
7
8 // validate status code
9 console.log(await postAPIResponse.json());
10
11 expect(postAPIResponse.ok()).toBeTruthy();
12 expect(postAPIResponse.status()).toBe(200);
13
14 // validate api response json obj
15 const postAPIResponseBody = await postAPIResponse.json();
16
17 const bid=postAPIResponseBody.bookingid;
18
19 expect(postAPIResponseBody.booking).toHaveProperty("firstname", "testers talk cypress");
20 expect(postAPIResponseBody.booking).toHaveProperty("lastname", "testers talk javascript");
```

```
1 // validate api response nested json obj
2   expect(postAPIResponseBody.booking.bookingdates).toHaveProperty(
3     "checkin",
4     "2018-01-01"
5   );
6   expect(postAPIResponseBody.booking.bookingdates).toHaveProperty(
7     "checkout",
8     "2019-01-01"
9   );
10
11   console.log("=====post response=====")
12
13   //get api call
14   const getAPIResponse = await request.get(`/booking/${bid}`)
15
16   console.log(await getAPIResponse.json())
17
18   await expect(getAPIResponse.ok()).toBeTruthy();
19   await expect(getAPIResponse.status()).toBe(200);
20
21 });
```