Postman: REST API Manual Testing

In this lesson, we will explore and learn the Postman tool to manually test the REST API.

We'll cover the following ⌃
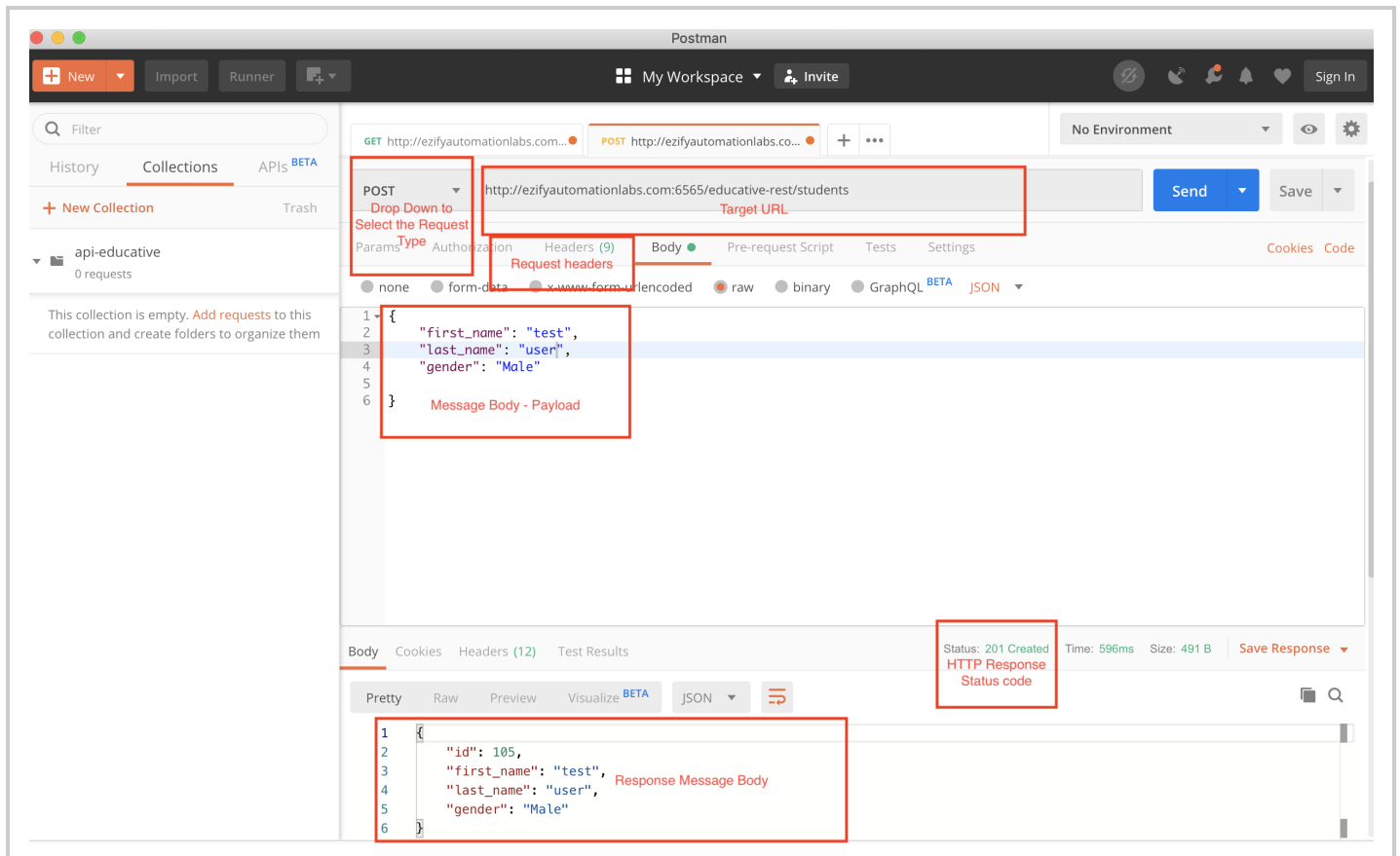
- What is Postman?
- Using Postman

What is Postman?

The **Postman** tool helps in the manual testing of REST APIs. You can send a request with/without the metadata and analyze the received response from the server. It can be downloaded from here.

Using Postman

Once you download the tool, you can use it for sending requests as shown below:

Postman tool - POST Request Example

Let's understand the above POST request example using the **Postman** tool.

- Drop down to select the request type - POST, GET, PUT, Delete etc. In this example, we have selected *POST*.
- Target URL – the target resource URL
- Request headers - add the request headers in the key and value format.
- Request body - there are various ways a request body can be sent. In the example above, we have used the 'raw' option for the `JSON` message body.
- Once you set the data and click on the *Send* button, it will receive the response message as shown in the image.
- Response message body received

```
{
  "id": 105,
  "first_name": "test",
  "last_name": "user",
  "gender": "Male"
}
```

- Status code - it will show the received HTTP response status code, in this case it's `201`.

That's all about REST API manual testing. In the next lesson, we'll learn how to use the SoapUI to manually test SOAP APIs.