Introduction to Express and Rest
Pre Read

Installation (Previous)

1. Set up your choice of code editor.
2. Set up Git (Optional)
3. Set up Node js.

All of the above have already been set up in your previous session. If not set up, please look at the last pre-read session and ensure that you have the above setup complete in the next session.

Installation (New)

Libraries
1. Morgan (npm install morgan)
2. Body-parser (npm install body-parser)
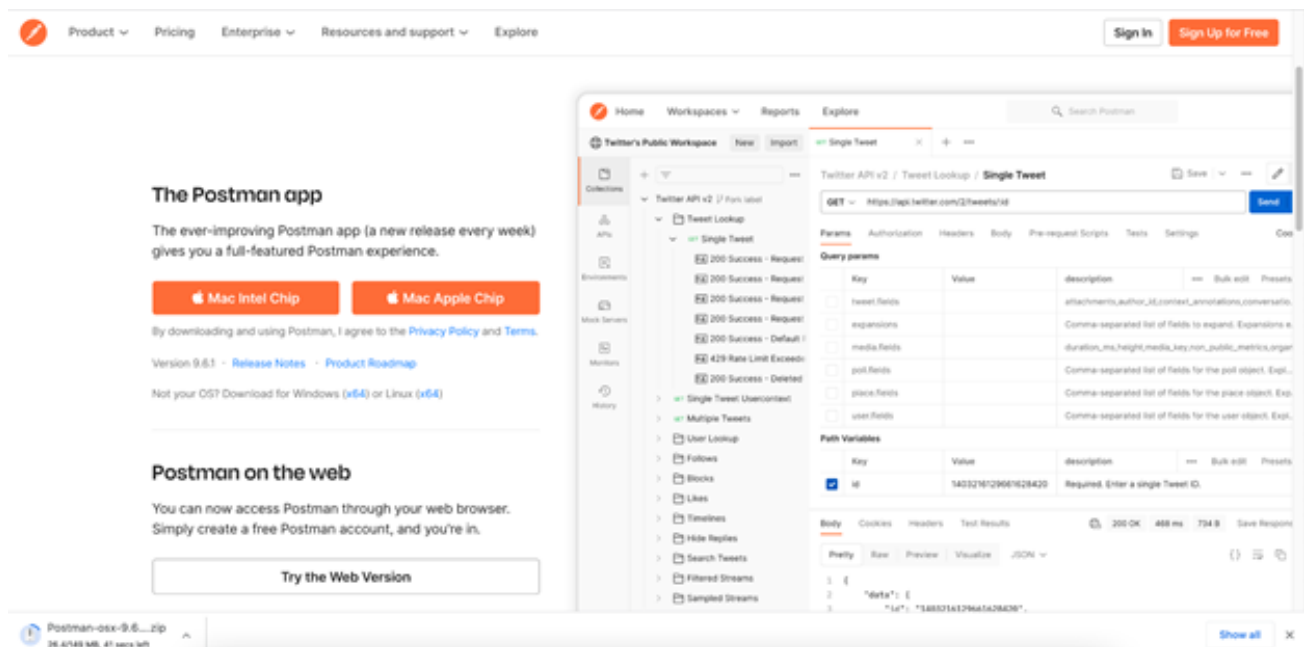3. Express. (npm install express)
In case you find out that you don't have a particular library during class.
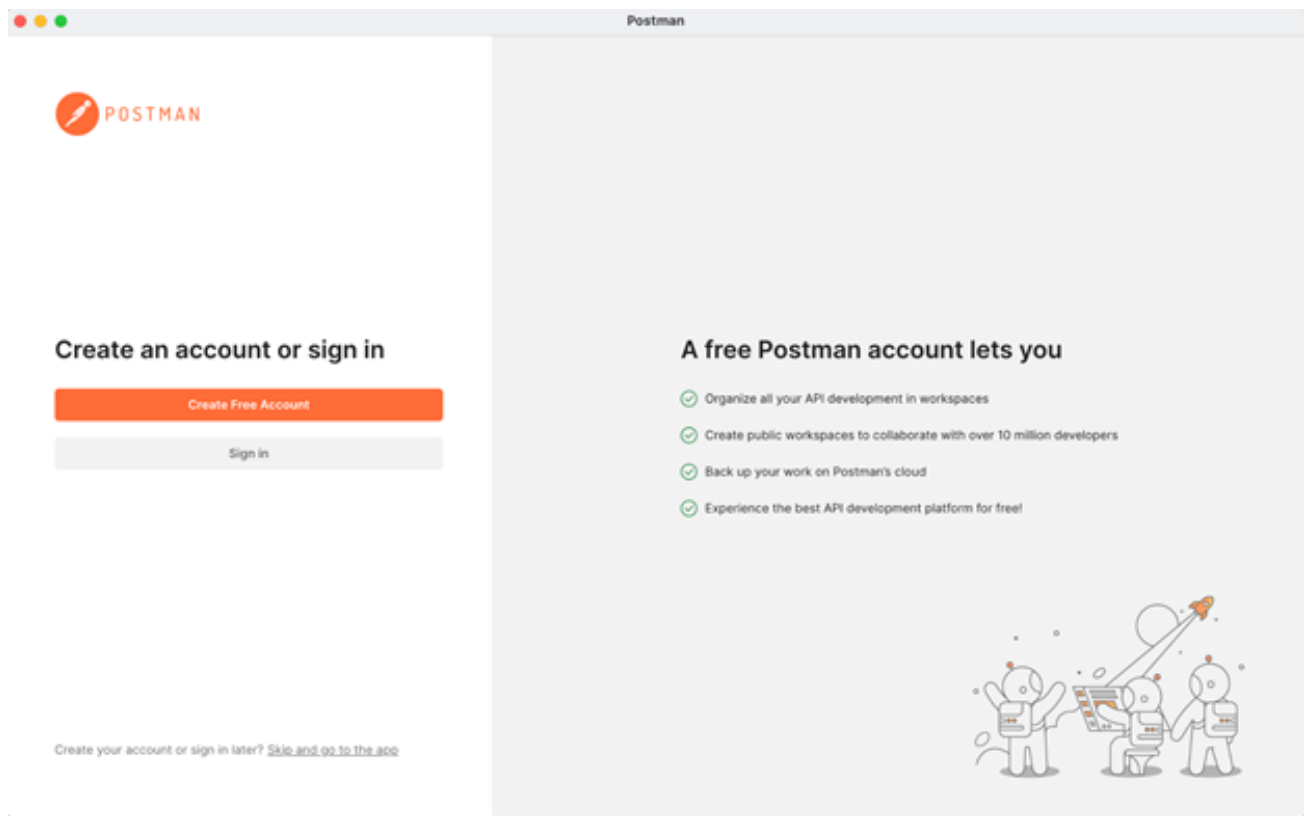Use NPM to install it.

PostMan
Install PostMan
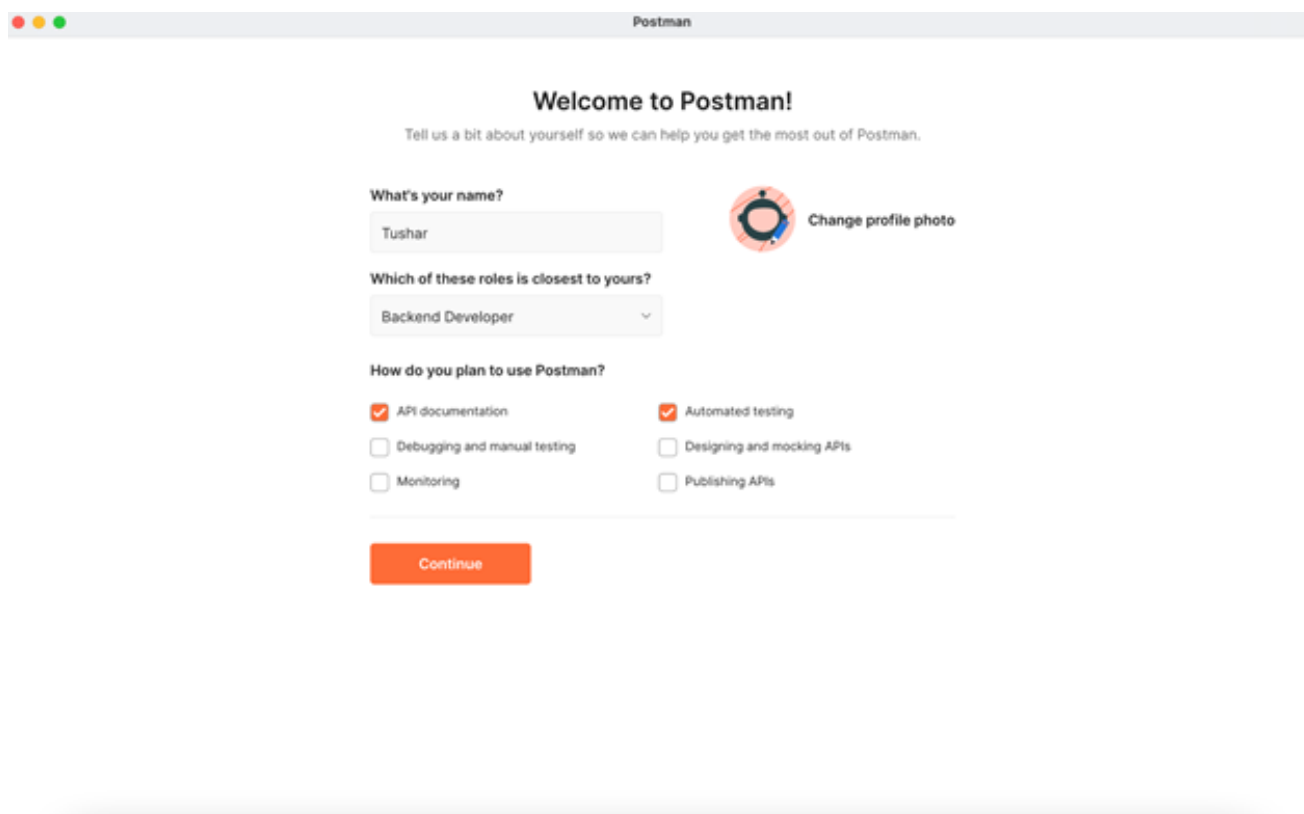1. Go to URL https://www.postman.com/downloads/

2. Download the postman app.
3. Unzip the postman zip file.
4. Add a postman app in applications.
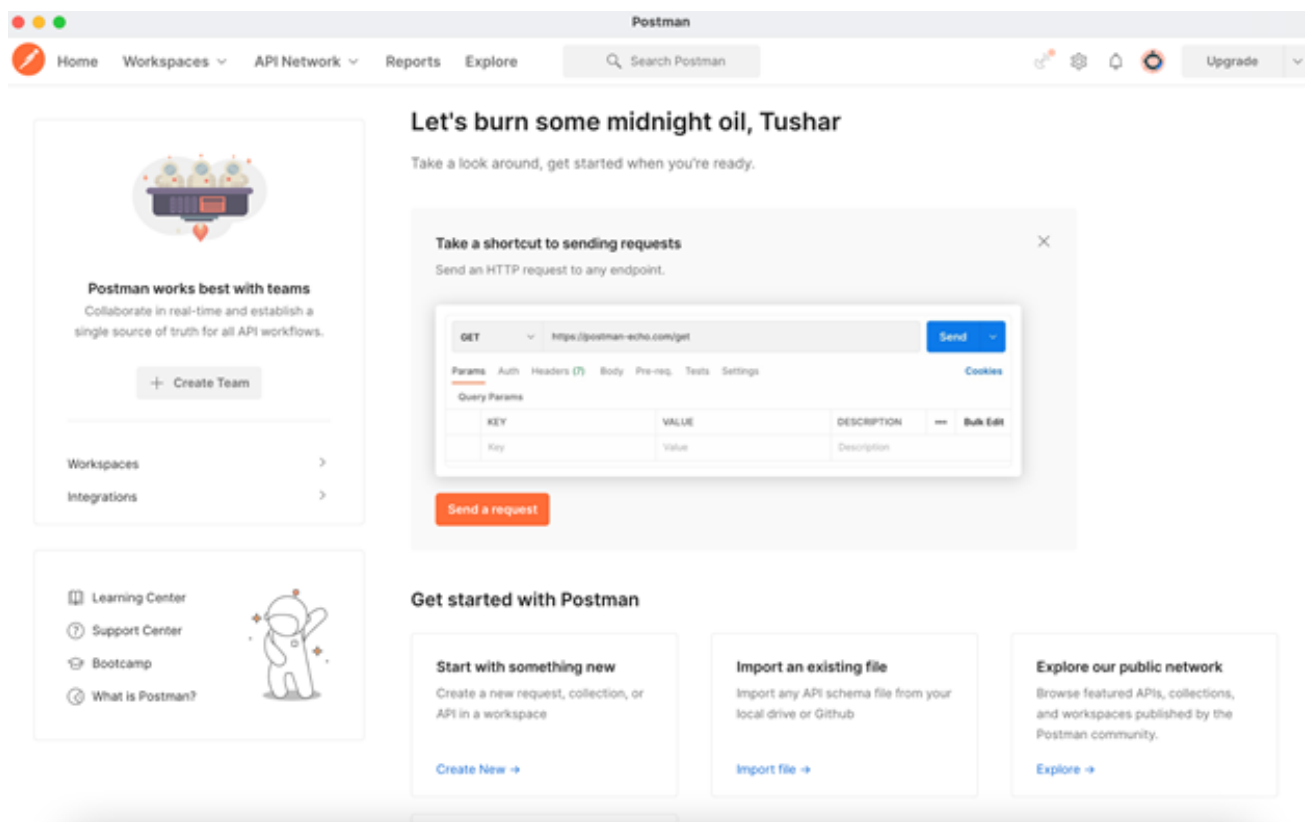5. And we are good to go. Double click on the app

6. Choose a free account (You can log in if you already have an account or set up with your Google account)

7. Finally, open the postman desktop app and update your details.

8. You can ignore team setup.
9. Click on send a request.

10. We are good to go. We will use this in our classroom. Hence it is imperative to set it up in our system.

Revision(Already covered in previous lessons)

Revise
1. Node.js basics
2. How To Install modules locally and globally using npm.
3. How To Write a Basic "hello world" Code in Node.js.
4. What web-servers are
5. How we can build a web server using node.js

Quick peek into the session!

1. Adding a basic routing logic
2. Introduction to Express.js
3. Why do we need express.js
4. Routing using express
5. Routing tips and tricks
6. Routing static files.
7. Building a REST API
8. Testing APIs with a postman

Industry Use Case

1. Do you know what is common in

a. Mozilla

b. Yahoo

c. Linkedin

d. Netflix

e. Trello

Well, all of them use node.js in thor production services!!!!!!!!!!!

We will learn how we can use express.js to make scalable APIs. As we add more and more features to our system, we need to ensure that our code is modular and simple. We will look into some common mistakes we make while building API's and see how Express can help us.