

Using Postman

In this lesson we will learn about Postman, which is a popular API client that we will be using starting with this module. Postman will allow us to interact with our microservices REST APIs without having to open a browser to navigate to the Swagger UI page of each of the services. In addition, it will offer us a few additional capabilities that will prove useful across this course.

Required tools

The only additional tool required starting with this module is the Postman client, which you can get at [this location](#).

Let's get started.

(Demo prep)

- Disable Edge extensions
- Signout from Edge
- Clear browser history
- Delete Hi-potion
- Clean up all collections, APIs and history from Postman
- Uninstall Postman
- Delete %appdata%\Postman
- Remove docker extension
- Remove rabbitmq image
- Delete Inventory DB

Using Postman

Let's go ahead and install Postman...

1. Install from <https://postman.com/downloads>
2. Start Catalog service
3. Query for items in Postman

GET <https://localhost:5001/items>

4. Disable SSL Verification
5. Query again
6. POST a new item

POST <https://localhost:5001/items>

```
{  
  "name": "Potion",  
  "description": "Restores a small amount of HP",  
  "price": 5  
}
```

7. Close all tabs
8. Import the Catalog API from Swagger
9. Update Collection → Variables → baseUrl to <https://localhost:5001>
10. Do a GET for all items
11. Do a GET by id of the Potion
12. Do a PUT to update the price of the Potion
13. Show the History
14. Mention the use of Environments
15. Mention Authorization
16. Close all browsers
17. Remove serverReadyAction from launch.json
18. F5 and notice no browser opens
19. Query for all items

In the next lesson we will extract a few of the classes used in the Catalog microservice into shared components that can be used across future microservices.