

How To Run Postman Collections & Generate HTML Report

Pre requisites

1. Install Node.js – Refer the document (How to install nodeJS)
2. newman
3. newman-reporter-html

After installation of NodeJS, open command prompt then check if **node** and **npm** are installed

```
node -v
```

```
npm -v
```

```
Command Prompt
C:\Users\pavan>node -v
v16.15.1

C:\Users\pavan>npm -v
npm WARN config global `--global`, `--local` are deprecated. Use `--location=g
lobal` instead.
8.11.0
```

To install 2 & 3rd components, run below commands in command prompt/terminal.

npm install -g newman

npm install -g newman-reporter-html

```
Command Prompt
C:\Users\pavan>npm install -g newman
```

```
Command Prompt
Microsoft Windows [Version 10.0.25163.1010]
(c) Microsoft Corporation. All rights reserved.

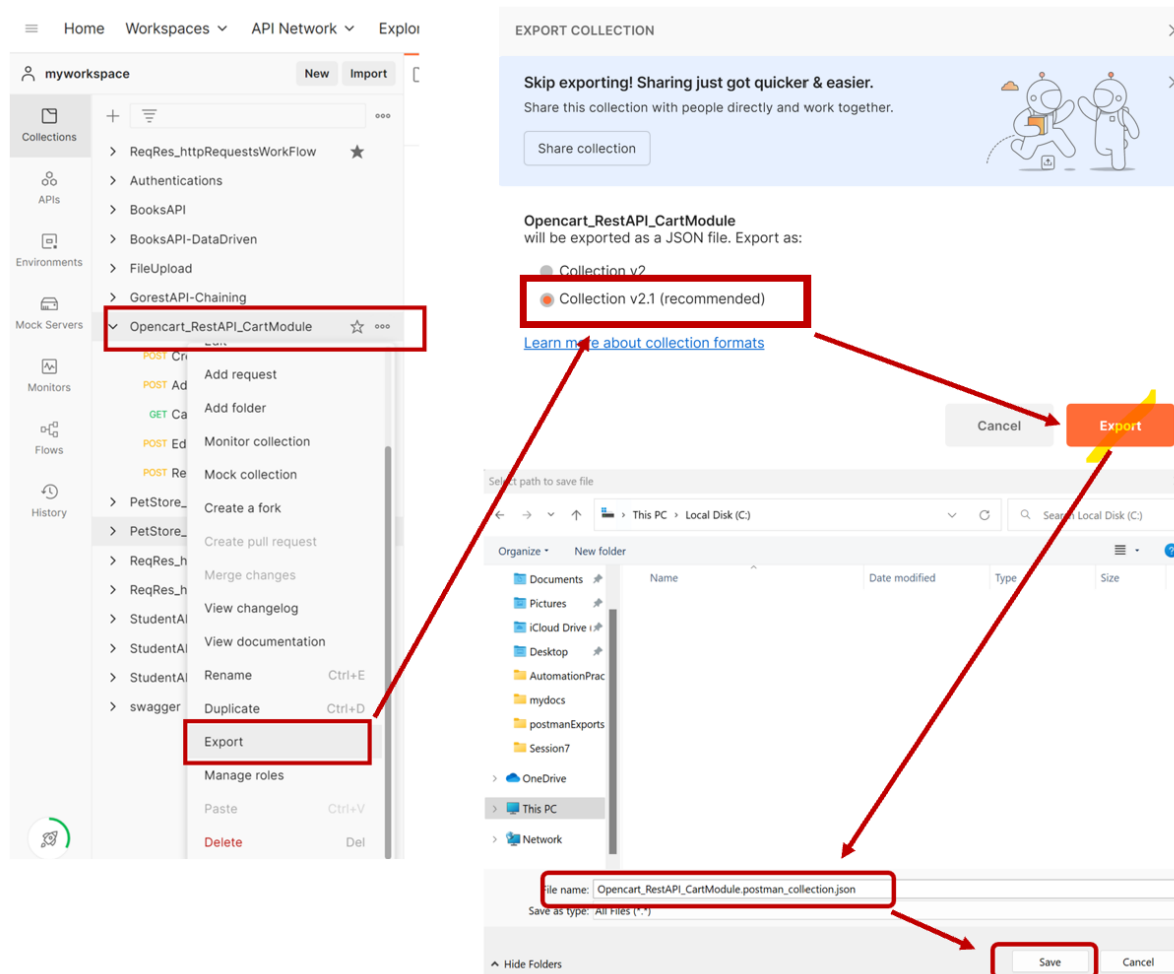
C:\Users\pavan>npm install -g newman-reporter-html
```

Note: Ignore warnings in installation process...

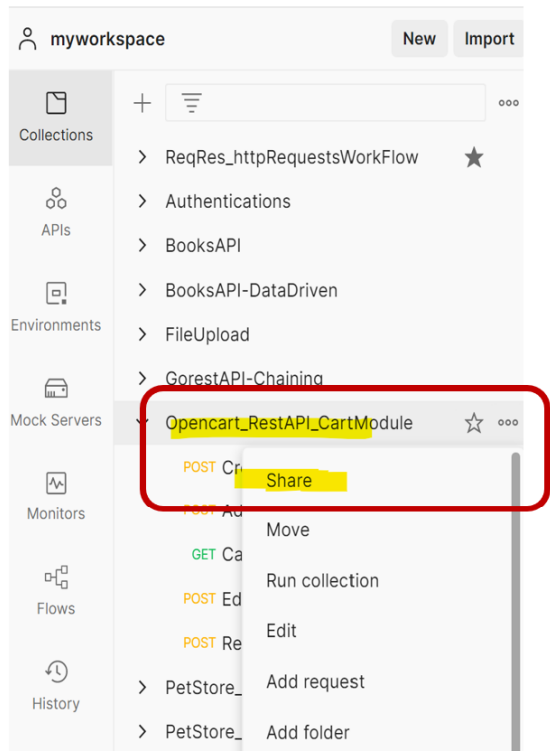
To run collection locally, we need to **export collection** from postman

To run collection remotely, we need to **share collection** and get the link from postman.

Export Collection:



Share Collection:



Share Opencart_RestAPI_CartModule



With people Via Run in Postman **Via JSON link**

Generate a shareable public link to a static snapshot of your collection. All your generated links are available in [your profile](#).

This link does not update automatically when changes are made to the collection. Check out the [Postman API](#) to access your synced collections.

<https://www.getpostman.com/collections/02078d0786a69a8fd7ec>

Update Link



Multiple ways to Run Collection

Run collection in command prompt locally

```
newman run collectionfile.json
```

```
newman run collectionfile.json -r html
```

Run the collection remotely using shared URL

```
newman run https://www.getpostman.com/collections/02078d0786a69a8fd7ec
```

```
newman run https://www.getpostman.com/collections/02078d0786a69a8fd7ec -r html
```

Note: **-r html** is used to generate html report.

Push collection to GitHub then run it in Jenkins

1) Create GitHub remote repository URL..

https://github.com/pavanoltraining/opencart_API_testing.git

2) Create local repository:

```
git init
```

3) Connect local repository with remote repository

```
git remote add origin <<repository URL >>
```

4) add file to index/stage

```
git add filename
```

5) commit file to local repository

```
git commit -m "comment"
```

6) Push file to remote repository

```
git push origin master
```

7) Run collection in Jenkins from GitHub remote repository

Source Code Management

☐ None

☒ Git ?

Repositories ?

Repository URL ?

https://github.com/pavanoltrain

GitHub Repository URL

Build

≡ Execute Windows batch command ?

Command

See [the list of available environment variables](#)

newman run **Collectionfile.json** -r html

Advanced...