

Postman

Agenda

1. Postman variables
2. Data Driven Testing
3. Export and Import Collections
4. Creating Environments
5. Working with Postman API's

Postman variables

1.Collection variables

2.Environment variables/Global variables

- **Collection variables**

Right click on Collection → Edit → Variables → Define variables(Key, value) → Update

Usage: `{{key}}`

- **Environment variables/Global variables**



Manage Environments → Global → Key, value → Save

Usage: `{{key}}`

Pre request Scripts

Setting an environment variable

```
postman.setEnvironmentVariable("key", "value");
```

Clear an environment variable

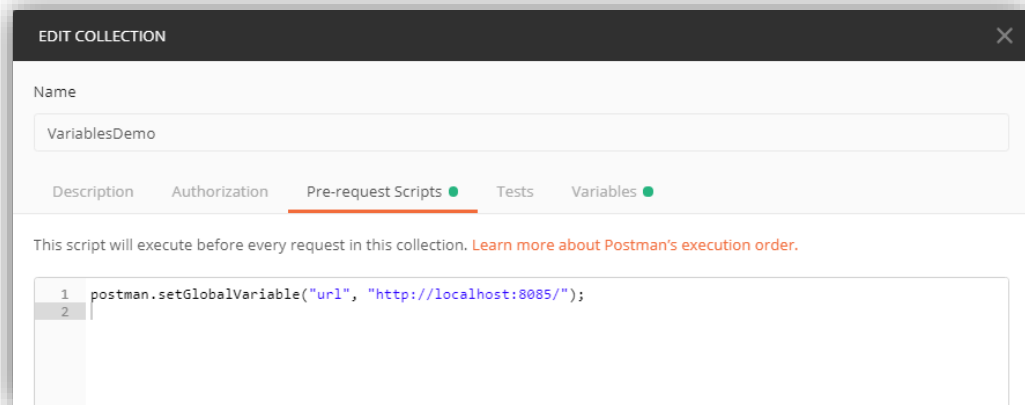
```
postman.clearEnvironmentVariable("key");
```

Set a global variable

```
postman.setGlobalVariable("key", "value");
```

Clear a global variable

```
postman.clearGlobalVariable("key");
```



Data driven testing

- Using CSV File
- Using Json file

Data Driven Test-1

- URL: <https://reqres.in/api/register>
- Request Type: POST
- Data format: Json
- Test Data : JSON, CSV
- Request Body:

```
{  
  "email": "{{email}}",  
  "password": "{{password}}"  
}
```

```
{  
  "email": "sydney@fife",  
  "password": "pistol"  
}
```

Data Driven Test-2

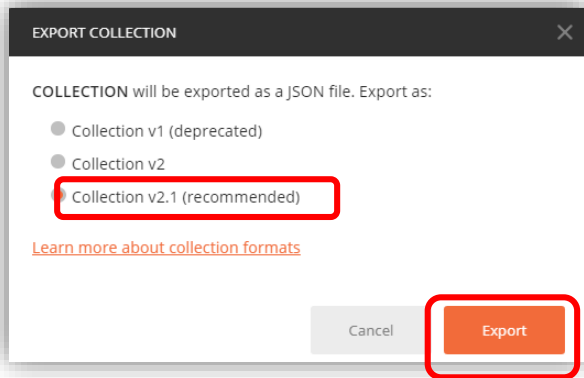
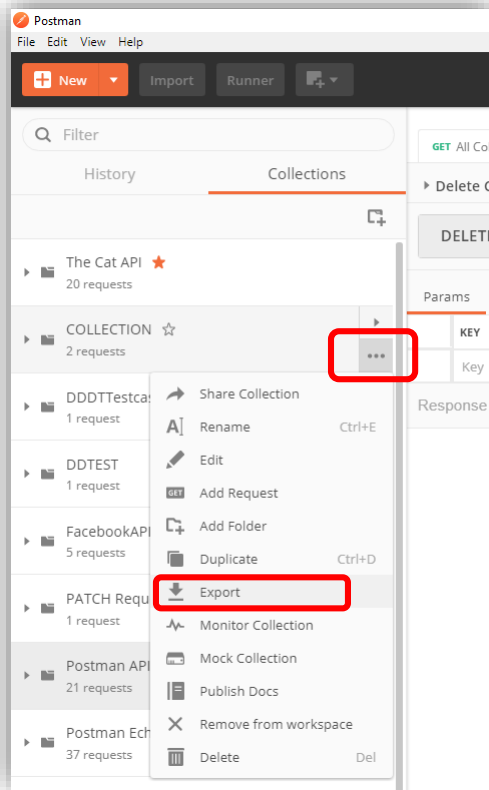
- URL: <http://localhost:8085/student>
- Request Type: POST
- Data format: Json
- Test Data : JSON, CSV
- Request Body:

```
{
  "id": "{{id}}",
  "firstName": "{{firstName}}",
  "lastName": "{{lastName}}",
  "email": "{{email}}",
  "programme": "{{programme}}",
  "courses": [
    "Java",
    "Selenium"
  ]
}
```

```
{
  "id": 101,
  "firstName": "Pavan",
  "lastName": "Kumar",
  "email": "abcxyz@risusDonecegestas.edu",
  "programme": "Manger",
  "courses": [
    "Java",
    "Selenium"
  ]
}
```

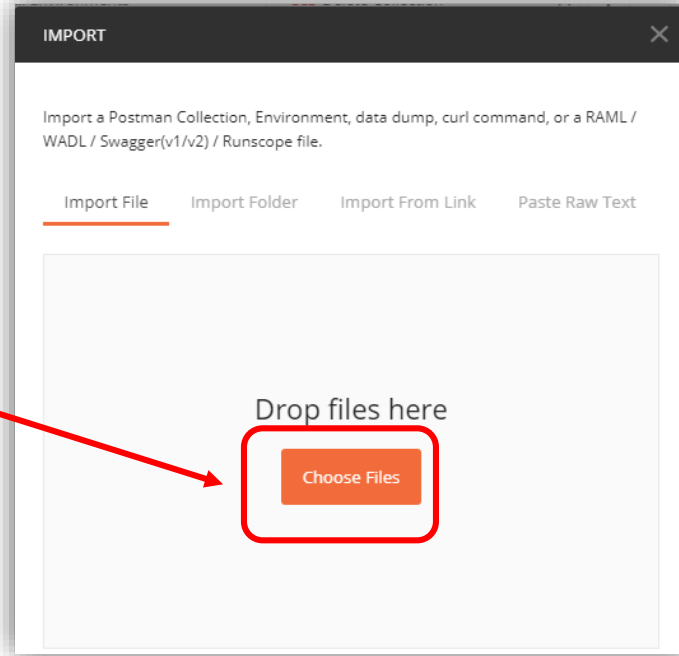
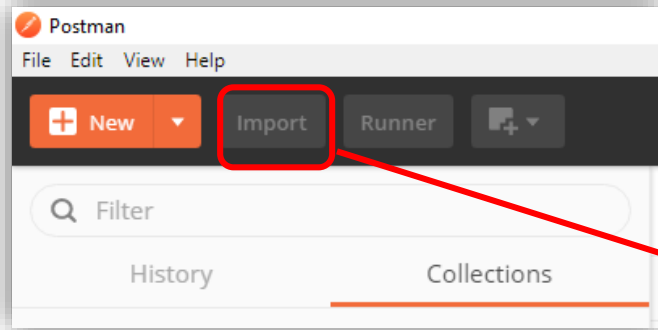
Export Collection

- Right Click on Collection → Export



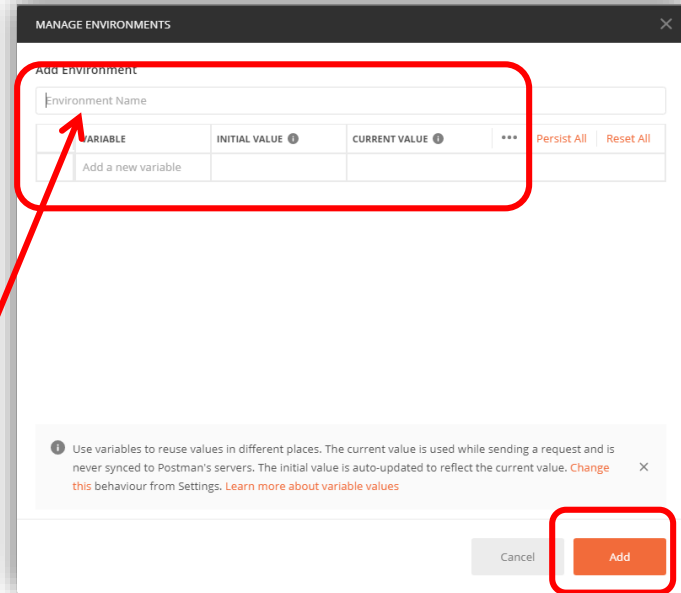
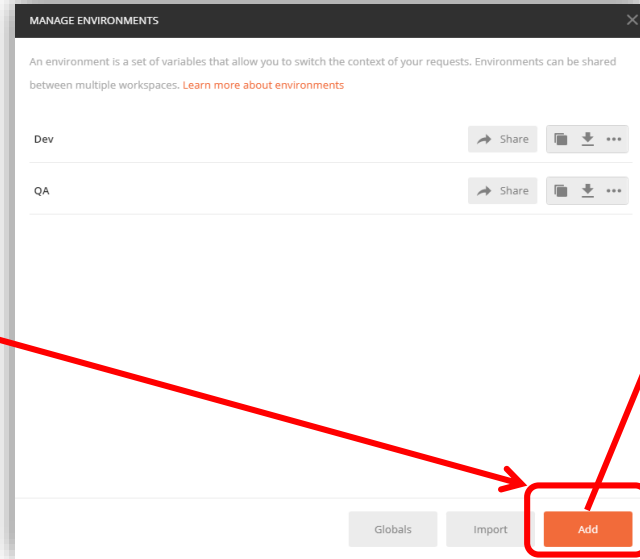
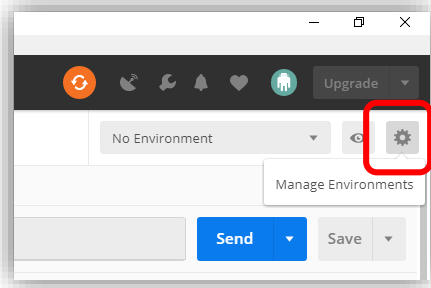
Import Collection

- Import → Choose Files



Creating Environments

- You can create a new environment from the:
- Manage Environments icon
- **Add** button
- Launch screen



Postman API'S

Postman API access Key creation:

URL: https://web.postman.co/integrations/services/pm_pro_api/configured?workspace=013dcd39-c945-453f-87e8-667e75b75a22

MyAccount → Profile → Back to workspace → Integrations

