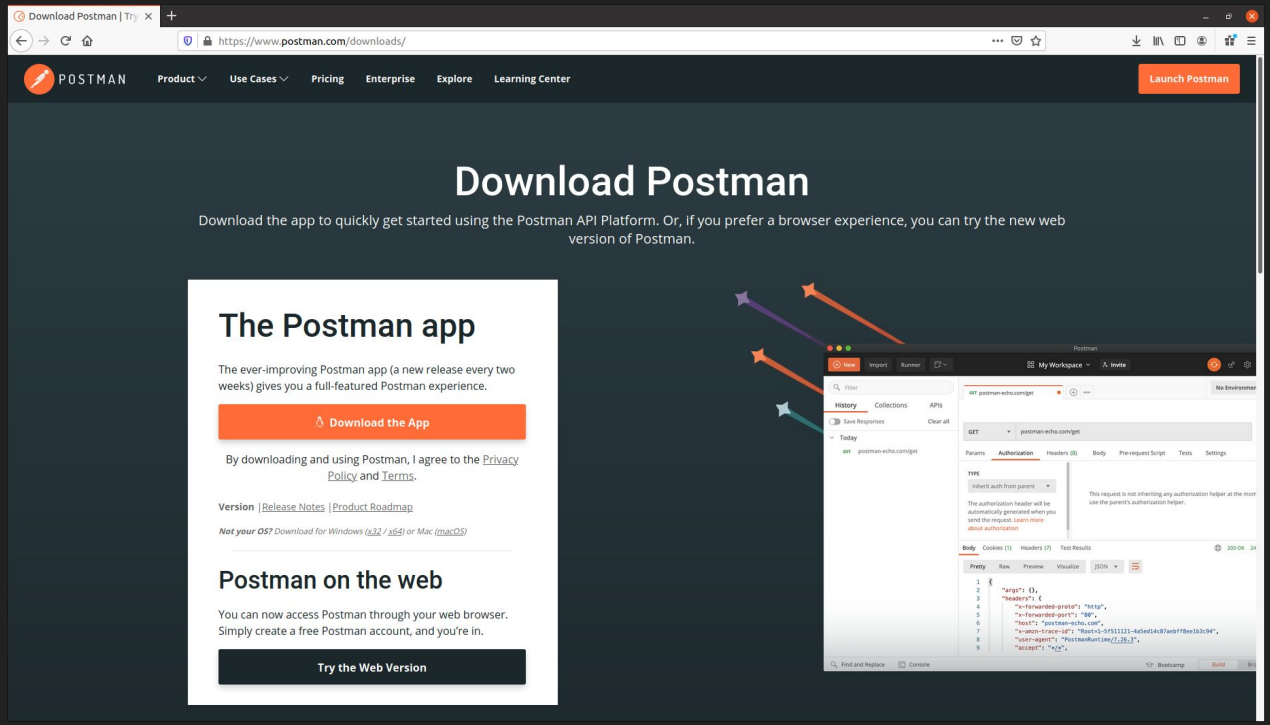
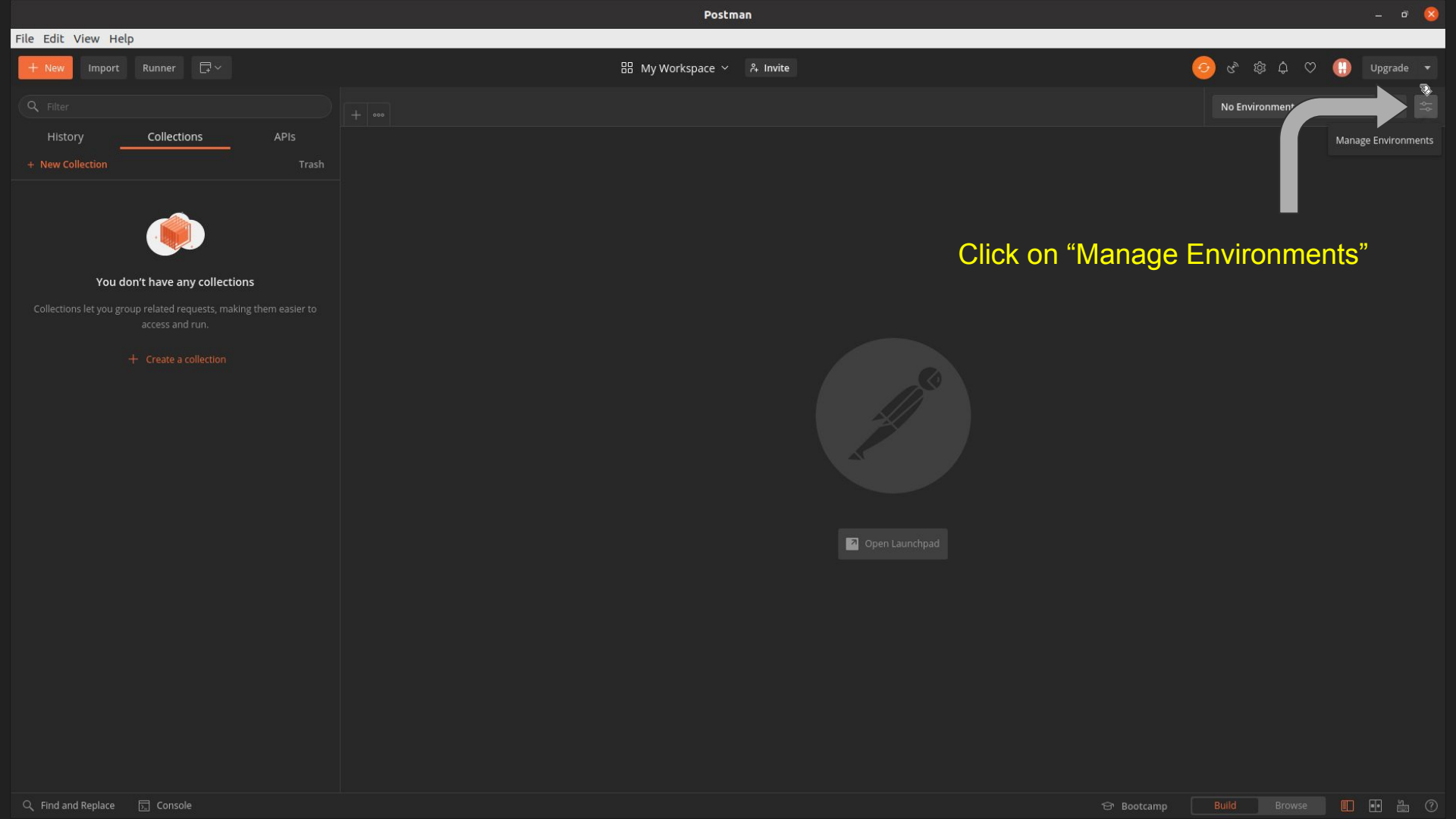
Testing the GRiD API

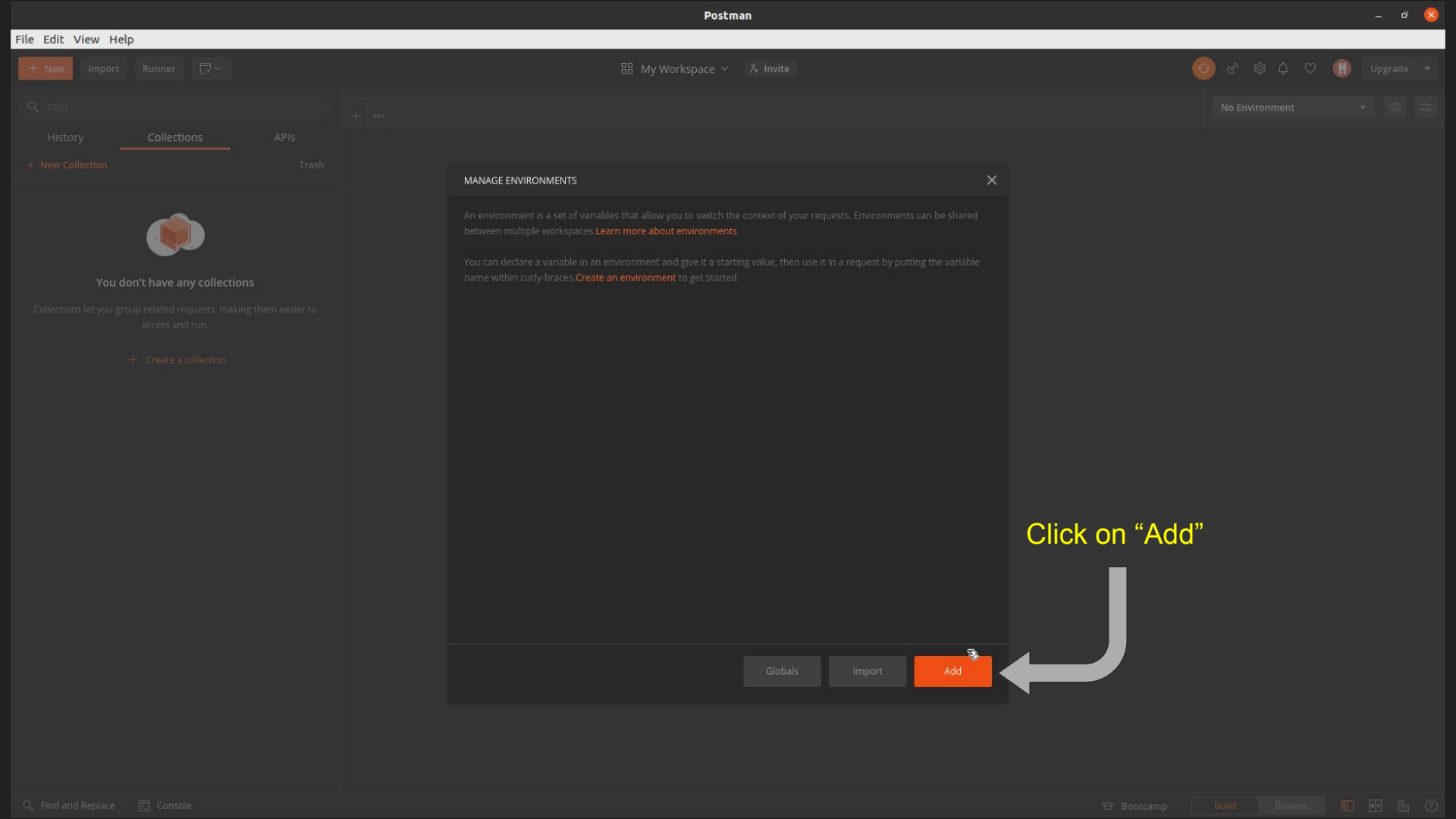
Step-by-step Instructions Using Postman Collections

Download and Install Postman

https://www.postman.com/downloads/




Postman
File Edit View Help
New
Import
Runner
My Workspace
Invite
Upgrade
Filter
History
Collections
APIs
New Collection
Trash
You don't have any collections
Collections let you group related requests, making them easier to access and run.
Create a collection
No Environment
Manage Environments
Click on "Manage Environments"
Open Launchpad
Find and Replace
Console
Bootcamp
Build
Browse


Postman
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Invite
Upgrade
Filter
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Trash
You don't have any collections
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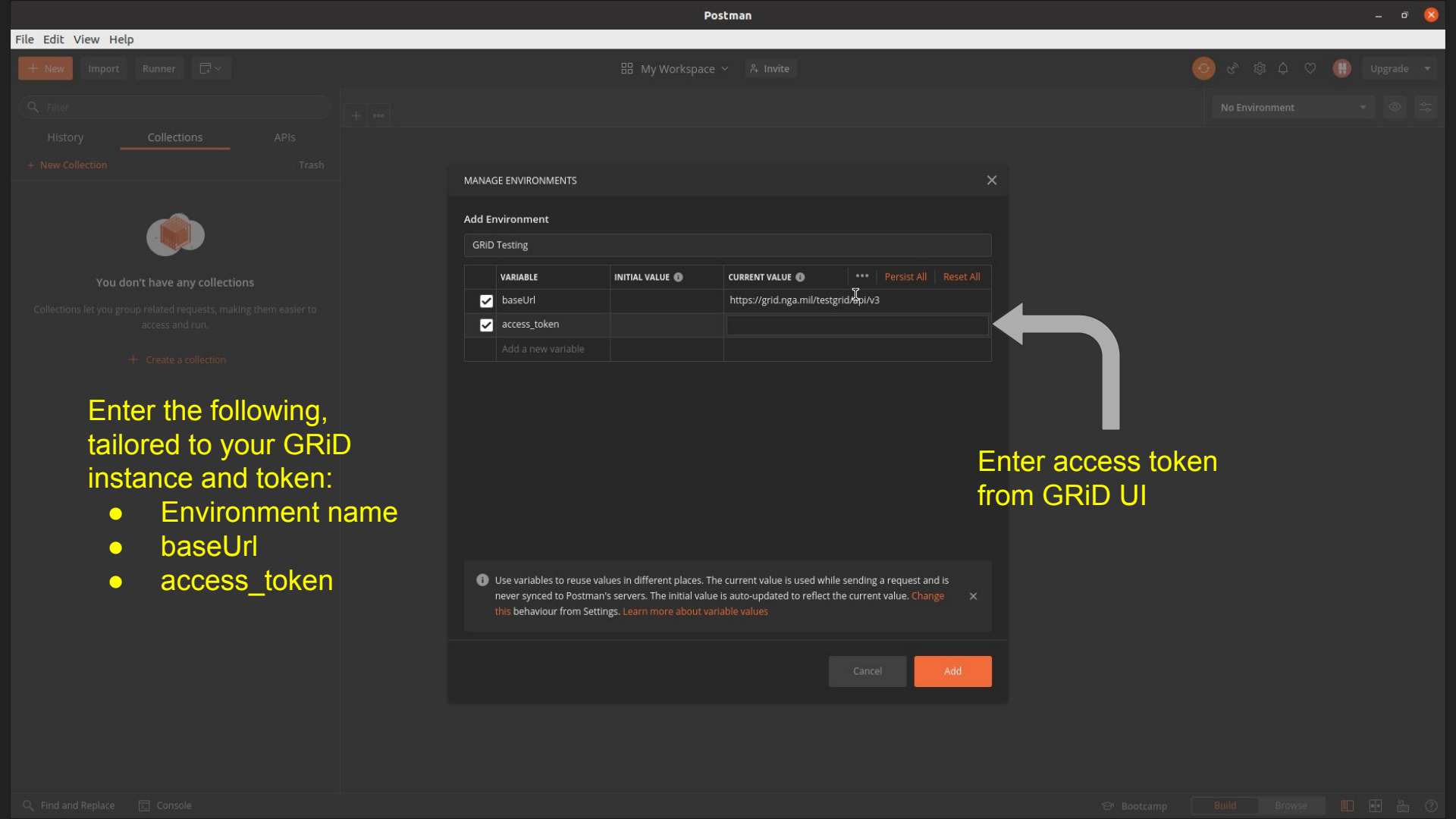
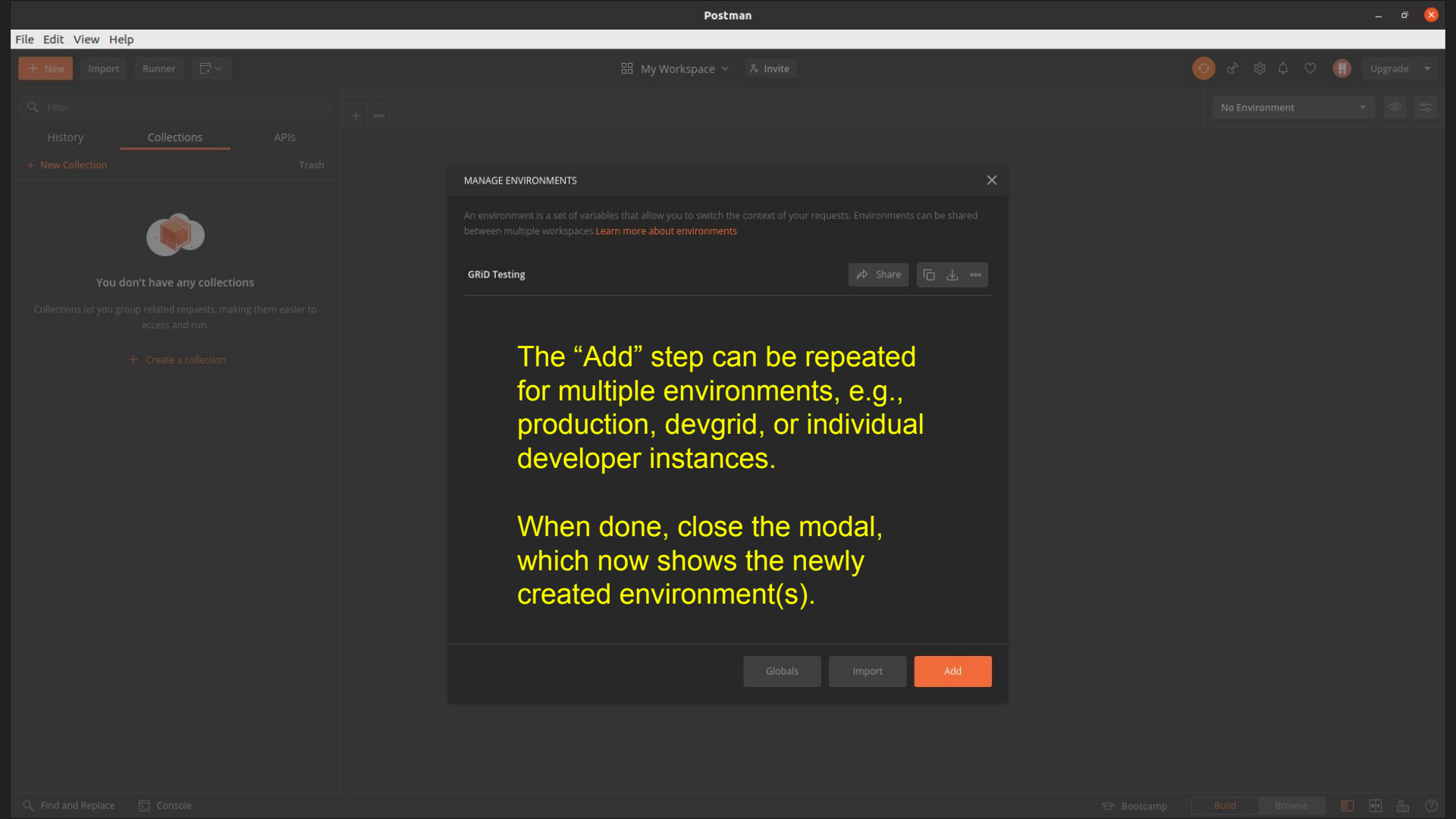
Create a collection
No Environment
MANAGE ENVIRONMENTS
An environment is a set of variables that allow you to switch the context of your requests. Environments can be shared between multiple workspaces.Learn more about environments
You can declare a variable in an environment and give it a starting value, then use it in a request by putting the variable name within curly-braces.Create an environment to get started.
Globals
Import
Add
Click on "Add"
Find and Replace
Console
Bootcamp
Build
Browse


Postman
File Edit View Help
New Import Runner
My Workspace
Invite
Upgrade
Filter
History Collections APIs
New Collection Trash
You don't have any collections
Collections let you group related requests, making them easier to access and run.
Create a collection
No Environment
MANAGE ENVIRONMENTS
Add Environment
GRiD Testing
VARIABLE
INITIAL VALUE
CURRENT VALUE
Persist All
Reset All
baseUrl
https://grid.nga.mil/testgrid/api/v3
access_token
Add a new variable
Use variables to reuse values in different places. The current value is used while sending a request and is never synced to Postman's servers. The initial value is auto-updated to reflect the current value. Change this behaviour from Settings. Learn more about variable values
Cancel
Add
Enter the following, tailored to your GRiD instance and token:
Environment name
baseUrl
access_token
Enter access token from GRiD UI
Find and Replace
Console
Bootcamp
Build
Browse


Postman
File Edit View Help
New
Import
Runner
My Workspace
Invite
Upgrade
Filter
History
Collections
APIs
New Collection
Trash
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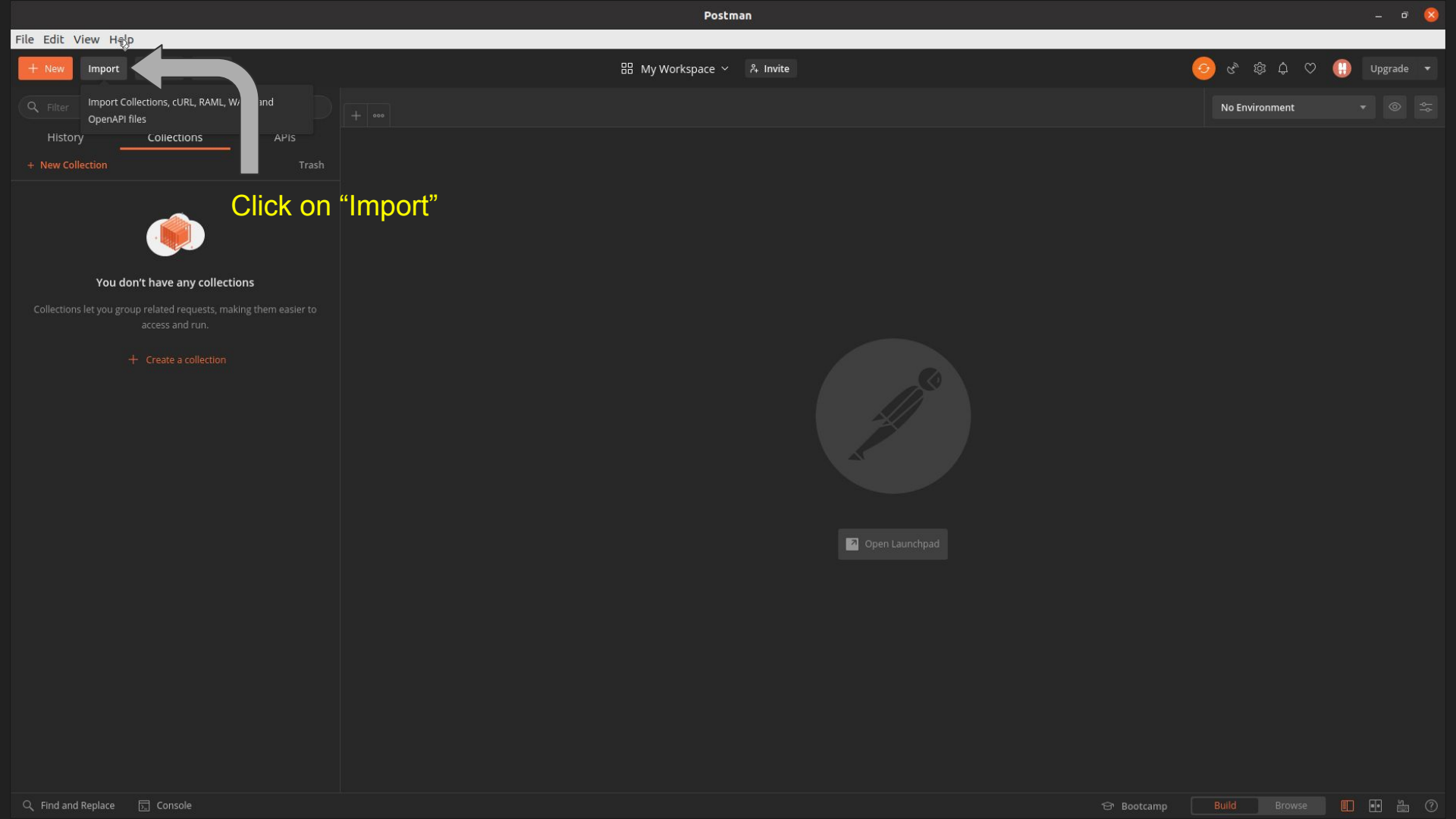
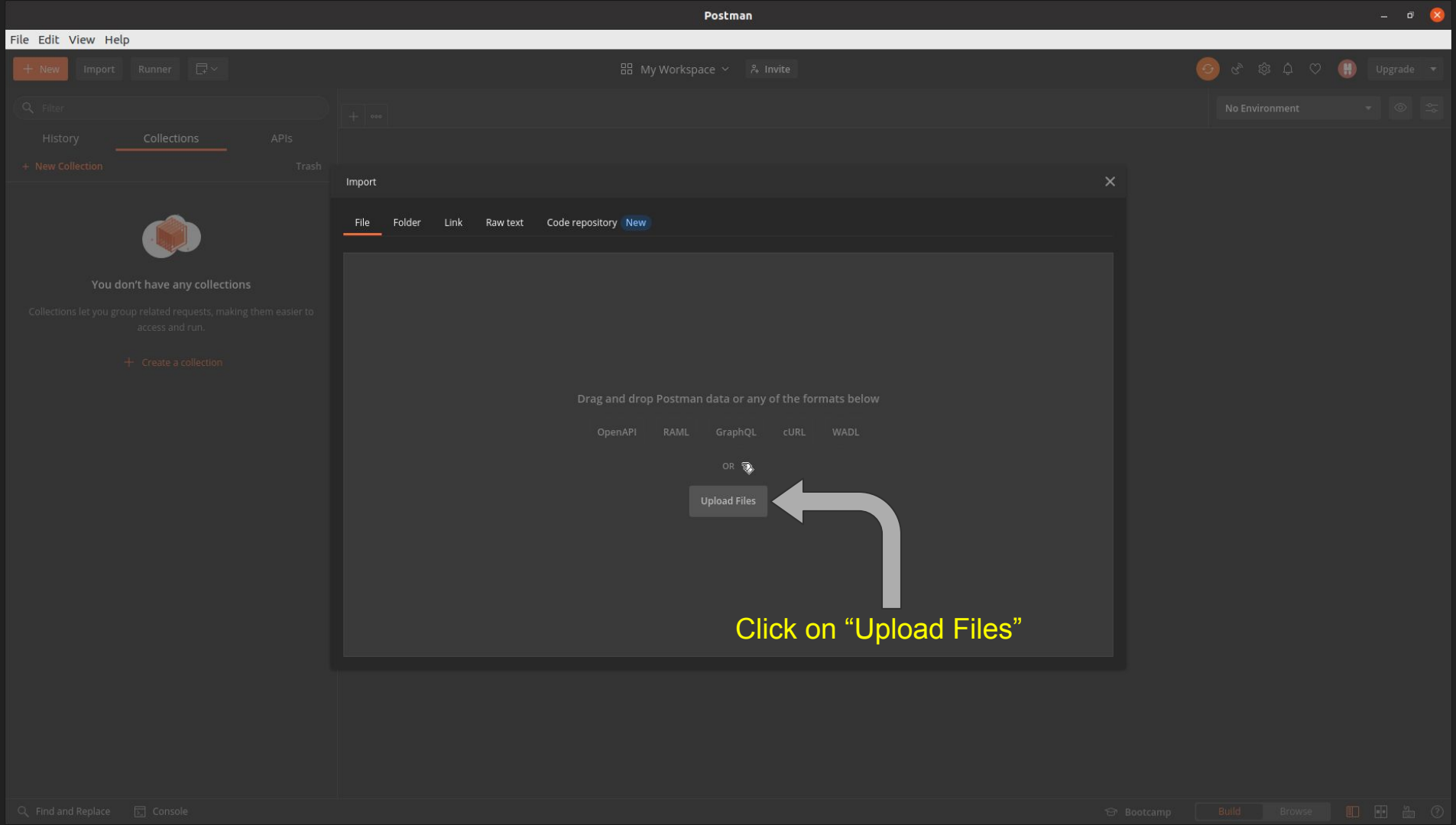
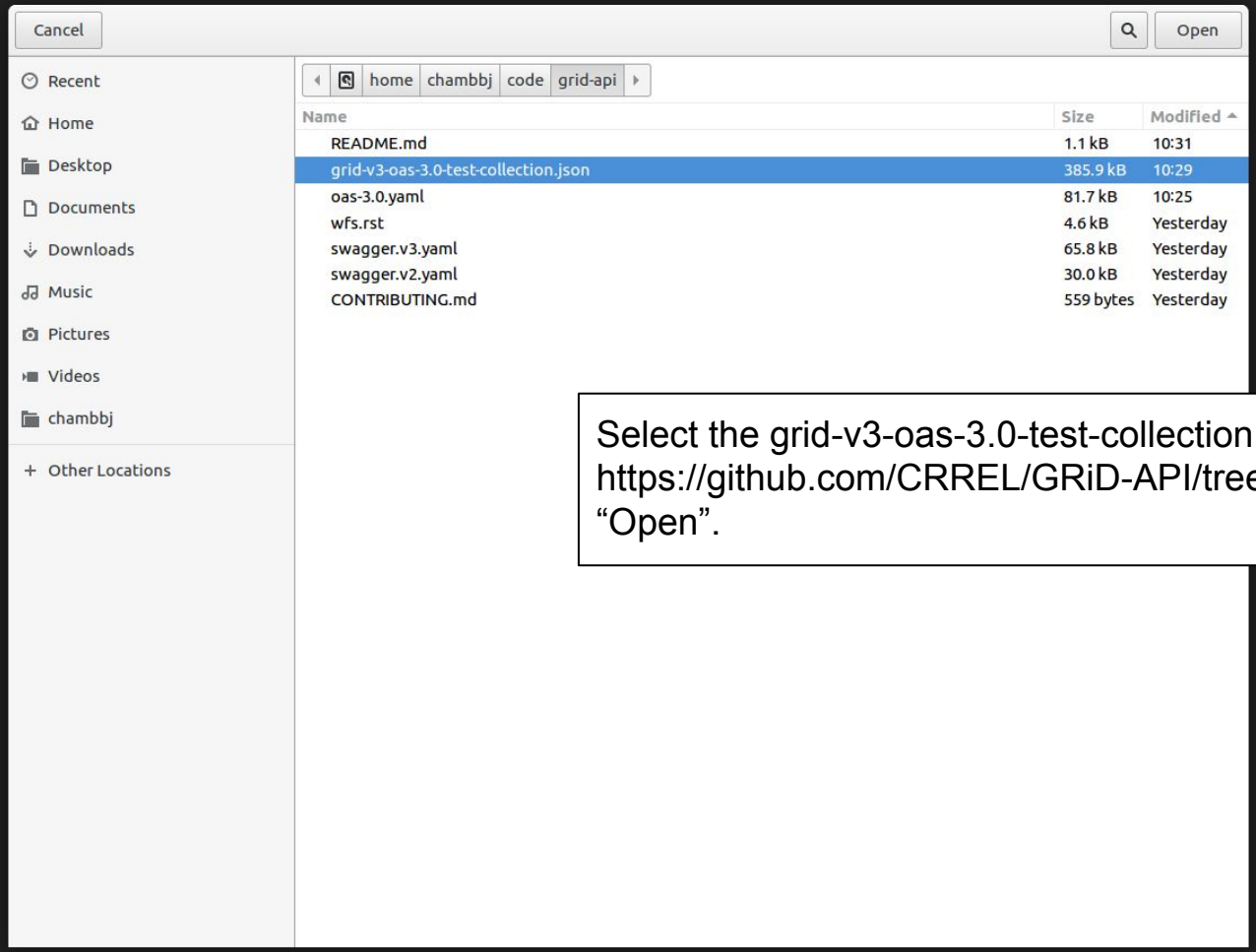
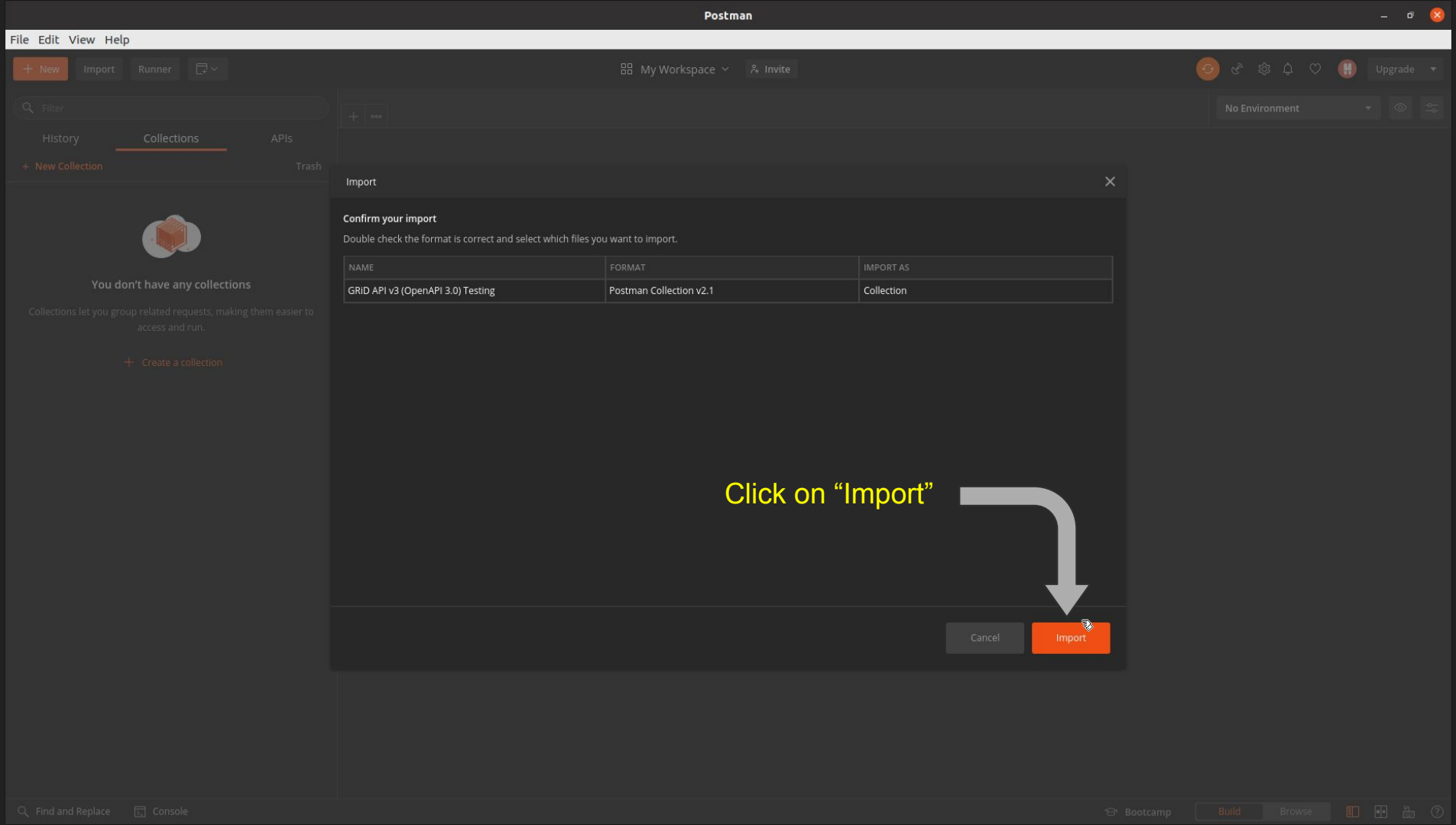
Create a collection
No Environment
MANAGE ENVIRONMENTS
An environment is a set of variables that allow you to switch the context of your requests. Environments can be shared between multiple workspaces.Learn more about environments
GRiD Testing
Share
The "Add" step can be repeated for multiple environments, e.g., production, devgrid, or individual developer instances.
When done, close the modal, which now shows the newly created environment(s).
Globals
Import
Add
Find and Replace
Console
Bootcamp
Build
Browse

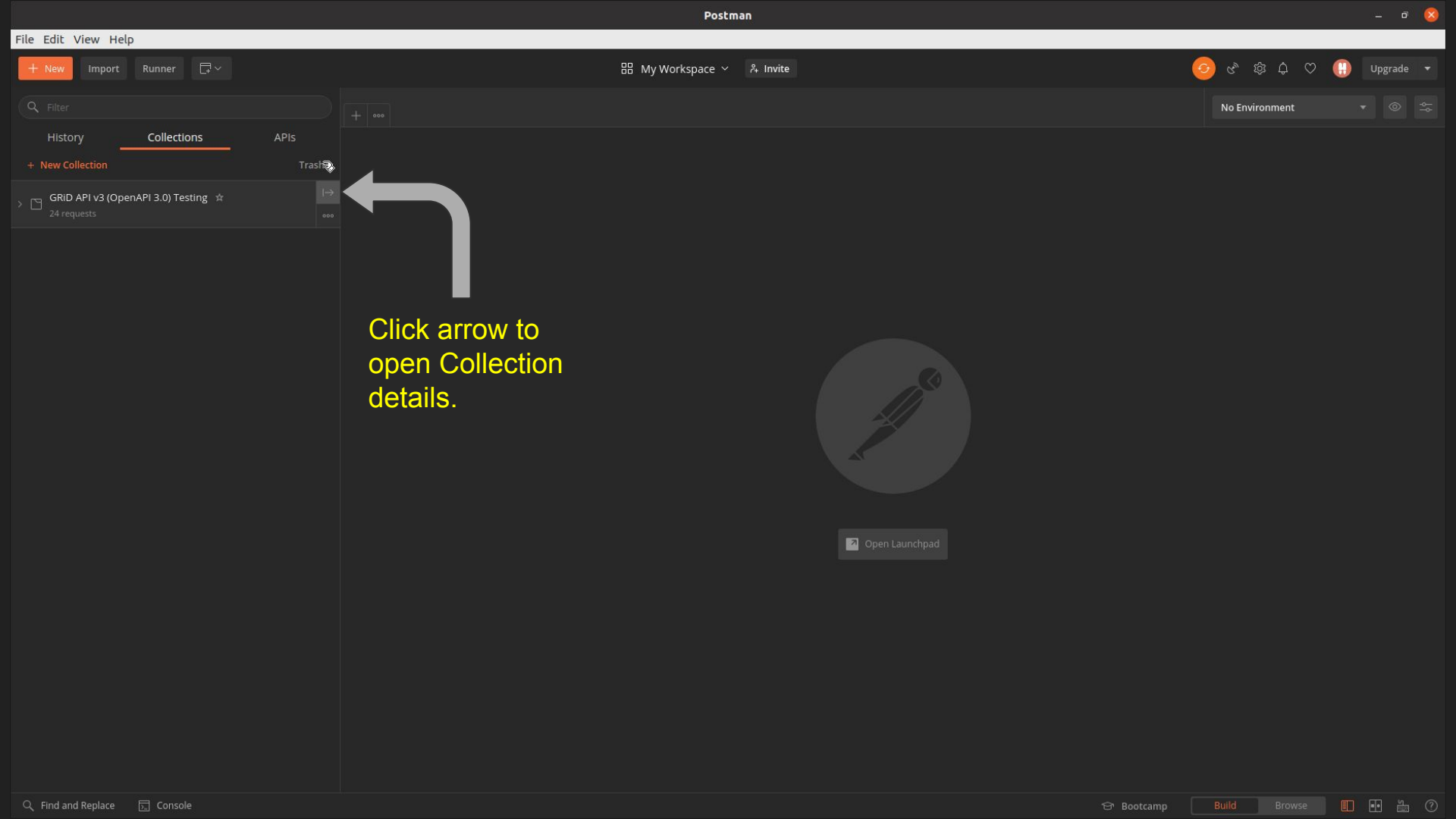

Postman
File Edit View Help
New
Import
My Workspace
Invite
Upgrade
Import Collections, cURL, RAML, WA and OpenAPI files
History
Collections
APIs
New Collection
Trash
Click on “Import”
You don’t have any collections
Collections let you group related requests, making them easier to access and run.
Create a collection
No Environment
Open Launchpad
Find and Replace
Console
Bootcamp
Build
Browse


Postman
File Edit View Help
New
Import
Runner
My Workspace
Invite
Upgrade
Filter
History
Collections
APIs
New Collection
Trash
You don't have any collections
Collections let you group related requests, making them easier to access and run.
Create a collection
No Environment
Import
File
Folder
Link
Raw text
Code repository
New
Drag and drop Postman data or any of the formats below
OpenAPI
RAML
GraphQL
cURL
WADL
OR
Upload Files
Click on "Upload Files"
Find and Replace
Console
Bootcamp
Build
Browse



Select the grid-v3-oas-3.0-test-collection.json file (available from https://github.com/CRREL/GRiD-API/tree/oas-3.0), and click “Open”.


Postman
File Edit View Help
New
Import
Runner
My Workspace
Invite
Upgrade
Filter
History
Collections
APIs
New Collection
Trash
You don't have any collections
Collections let you group related requests, making them easier to access and run.
Create a collection
No Environment
Import
Confirm your import
Double check the format is correct and select which files you want to import.
NAME
FORMAT
IMPORT AS
GRID API v3 (OpenAPI 3.0) Testing
Postman Collection v2.1
Collection
Click on "Import"
Cancel
Import
Find and Replace
Console
Bootcamp
Build
Browse


Postman
File Edit View Help
New
Import
Runner
My Workspace
Invite
Upgrade
Filter
History
Collections
APIs
New Collection
Trash
GRID API v3 (OpenAPI 3.0) Testing
24 requests
No Environment
Click arrow to open Collection details.
Open Launchpad
Find and Replace
Console
Bootcamp
Build
Browse

Postman

File Edit View Help

New Import Runner My Workspace Invite Upgrade

Filter

History Collections APIs

New Collection Trash

GRiD API v3 (OpenAPI 3.0) Testing
24 requests

GRiD API v3 (OpenAPI 3.0) Testing

API This collection is not linked to any API

Share Run

Documentation Monitors Mocks Changelog

Learn how to document your requests

This is the API v3 specification for the Geospatial Repository and Data Management System (aka GRiD). Here you can see API examples and interact with all of the API endpoints visually in your browser. If you would like to see the API in action, use the "Try it out!" button for an endpoint. Note: yo ...

View more

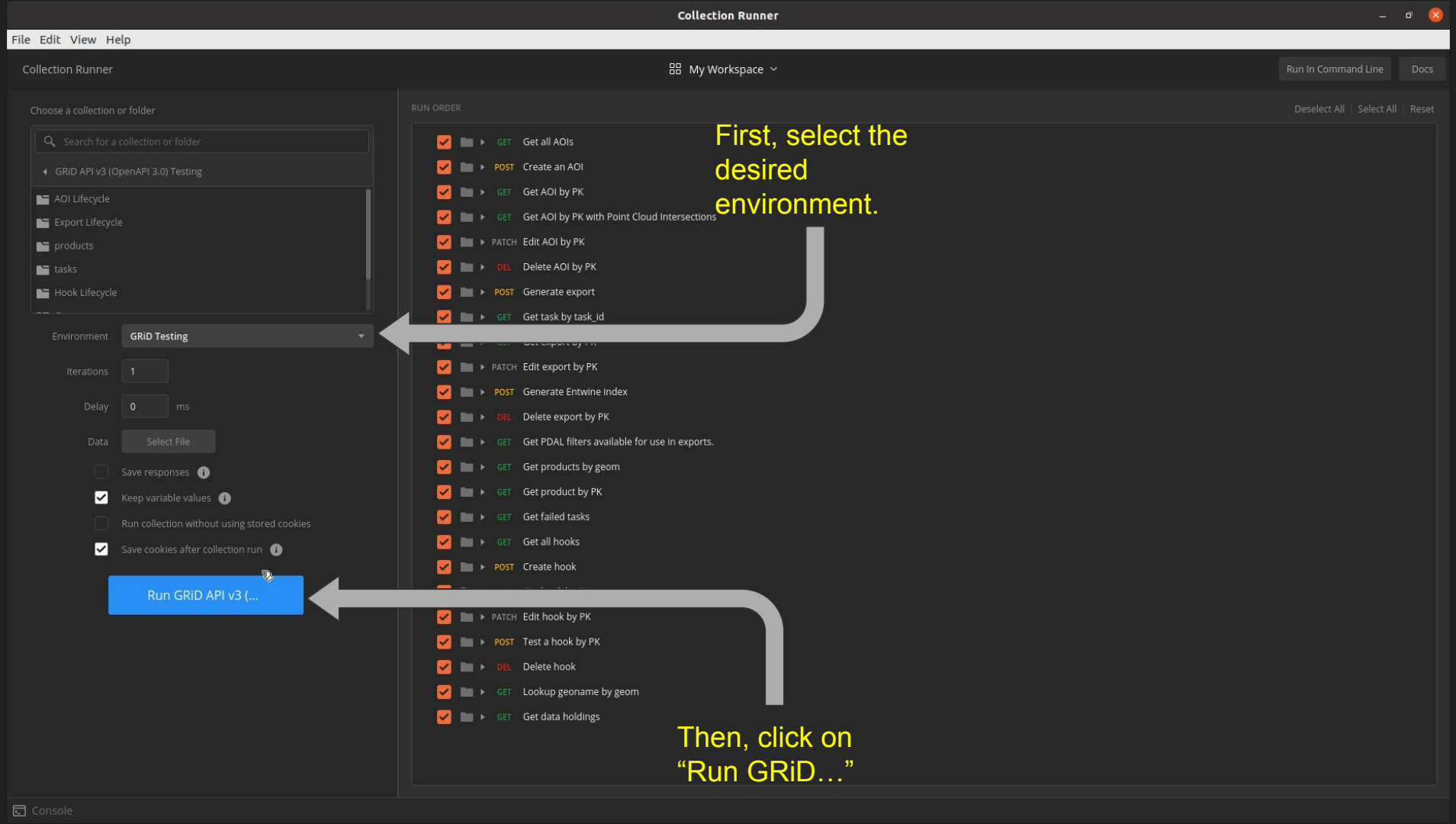
AOI Lifecycle
Export Lifecycle
products
tasks
Hook Lifecycle
Geonames
Data Holdings

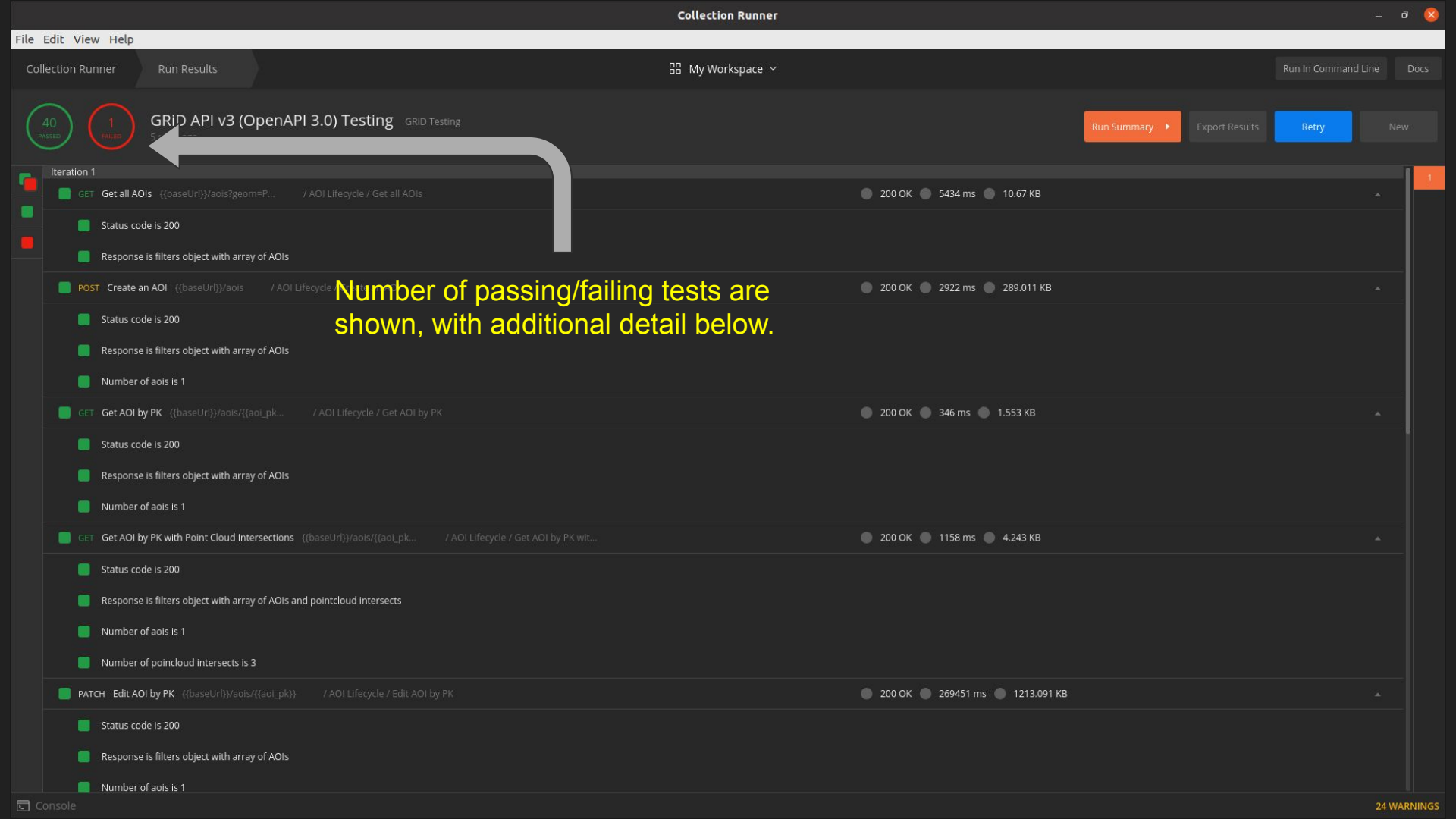
No Environment

Click on “Run”

Open Launchpad

Find and Replace Console Bootcamp Build Browse


Collection Runner
File Edit View Help
Collection Runner
My Workspace
Run In Command Line
Docs
Choose a collection or folder
Search for a collection or folder
GRiD API v3 (OpenAPI 3.0) Testing
AOI Lifecycle
Export Lifecycle
products
tasks
Hook Lifecycle
Environment
GRiD Testing
Iterations
1
Delay
0
ms
Data
Select File
Save responses
Keep variable values
Run collection without using stored cookies
Save cookies after collection run
Run GRiD API v3 (...
RUN ORDER
Deselect All
Select All
Reset
GET Get all AOIs
POST Create an AOI
GET Get AOI by PK
GET Get AOI by PK with Point Cloud Intersections
PATCH Edit AOI by PK
DEL Delete AOI by PK
POST Generate export
GET Get task by task_id
PATCH Edit export by PK
POST Generate Entwine Index
DEL Delete export by PK
GET Get PDAL filters available for use in exports.
GET Get products by geom
GET Get product by PK
GET Get failed tasks
GET Get all hooks
POST Create hook
PATCH Edit hook by PK
POST Test a hook by PK
DEL Delete hook
GET Lookup geoname by geom
GET Get data holdings
First, select the desired environment.
Then, click on “Run GRiD…”
Console



Number of passing/failing tests are shown, with additional detail below.