



Fluree + Postman Guide:

Note: Before starting, ensure you have a Fluree server up and running. You will need the URL from the local host server the Fluree image created. The default is <http://localhost:58090>. You can create a Fluree Server by using the Docker image for Fluree Server. You can find the latest pull command for Fluree server [here](#). In Postman you can either start from scratch and create your own Collection or alternatively use the Fluree Cookbook example and adjust the data:

[cookbook](#)

Cookbook

This is a cookbook of all the API calls that are available to the Fluree HTTP API.

① INFO

If you have a Fluree ledger (self-hosted or on Nexus), you can run the entirety of the following Cookbook through Postman.

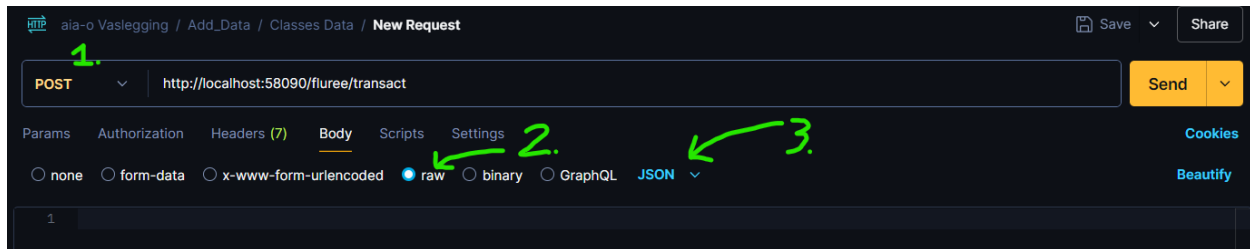
▶ Run in Postman

Simply update the request URLs to appropriately target your Fluree instance (as the default is set to `http://localhost:58090`). If you are running against a locally-hosted instance, make sure to use Postman for Desktop to enable `localhost` requests.

- Click the orange "Run in Postman" button to create a fork of the Cookbook example.

Creating a Request:

1. After creating a collection and necessary folders to neatly store your requests, right click on the folder name and click **add request**:
2. In the following screenshot please observe the numbered sections. 1 - Should be Post, 2 - should be raw and 3 - should be JSON (Easiest)



- Also note the URL next to "Post", fluree/transaction indicates a transaction.
 - o If you wish to create a new ledger the URL should end with /fluree/create.
 - o If you wish to query an existing ledger the URL should end with /fluree/query

3. In the body section you can now type the request in a JSON-LD format. For example:

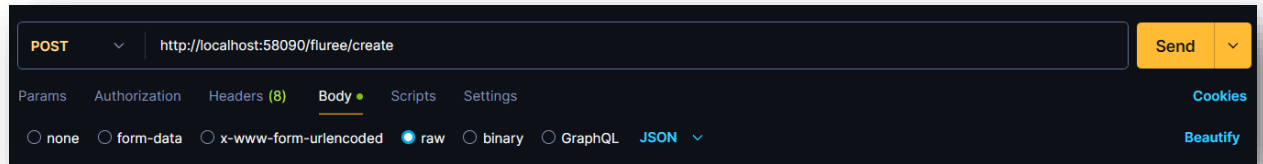
```
1. {
2.   "@context": {
3.     "aia": "http://purl.org/aiaontology#"
4.   },
5.   "ledger": "aiao/base",
6.   "insert": [
7.     {
8.       "@id": "bob", //not linked data (No prefix for an IRI)
9.       "@type": "aia:Operator",
10.      "aia:Operates": {"@id": "piano"}
11.    },
12.    {
13.      "@id": "yamaha_0_0_1", //this is not a linked data example
14.      "@type": "aia:Instrument",
15.      "aia:hasRegistry": "1.0",
16.      "aia:hasMake": "Yamaha",
17.      "aia:wasManufacturedOn": "2020-05-15",
18.      "aia:hasDescription": "This is a yamaha piano",
19.      "aia:isOperatedBy": {"@id": "bob"}
20.    }
21.  ]
22. }
```

4. Simply click the send button next to the URL.

Creating a Fluree Ledger:

1. To create a fluree ledger you must start by creating a **request** as mentioned above.
2. Ensure that the URL in your request is the same one your Fluree Server is using, usually: <http://localhost:58090>.

The URL should look similar to the following: <http://localhost:58090/fluree/create> .



3. Now you can type the **body** of the request in JSON format ([View my Fluree Data Guide pdf](#)).