

Northwind Traders Demo

Collections, Query Workers, Streams and Search View



Prerequisites

- Create a free Macrometa account.
- 2. You will have to have Node.js 18 (or later) installed in your system.
- 3. Run the following command in your CLI to check your Node.js version: node -v



Run locally

1. Open a CLI and run the command below to clone this repository. You can do:

git clone https://github.com/Macrometacorp/demo-northwind-traders.git

or

git clone git@github.com:Macrometacorp/demo-northwind-traders.git depending on your GitHub authentication method.

- Change directory to your selected project with: cd demo-northwind-traders/code/1-starting-project
- 3. Create a new .env.local file and add your environment variables on your selected path. Here is how .env.local file should look like:

```
REACT_APP_BASE_URL=https://play.paas.macrometa.io/
REACT_APP_FABRIC_NAME=<your-fabric-name>
REACT_APP_API_KEY=<your-api-key>
```



Run locally

- Install the project dependencies with: npm install
- Run command in CLI: npm run start
- 3. In your preferred browser you can open http://localhost:3000.



Collections

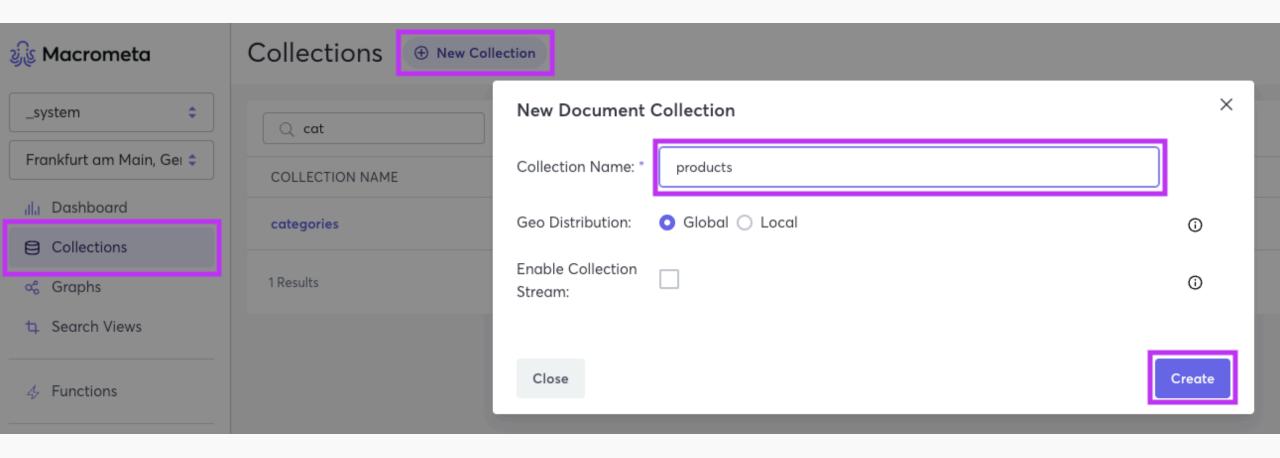
How to import data to collection?



Create collection

- Create a new document collection called products on the platform.
 A collection is a group of documents with a unique name and identifier.
 For the products, you will create a document collection that contains product information.
 - On the side menu, click Collections.
 - Click New Collection.
 - Click Document Store.
 - In Collection Name, enter products.
 - Click Create.



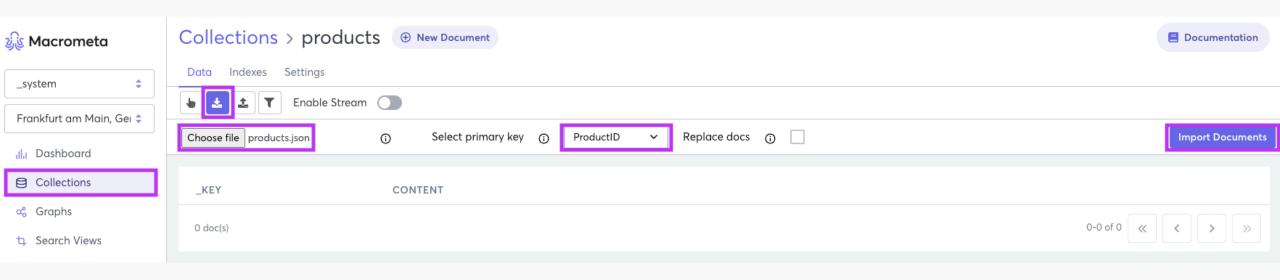




Import Data to Collection

- Import the data from the products.json file into the products collection.
 - On the side menu, click Collections.
 - Select products collection.
 - Click Import documents from JSON file.
 - Click Choose file.
 - Select the products.json file.
 - Before you confirm make sure you select ProductID as the key
 - Click Import.







Query workers

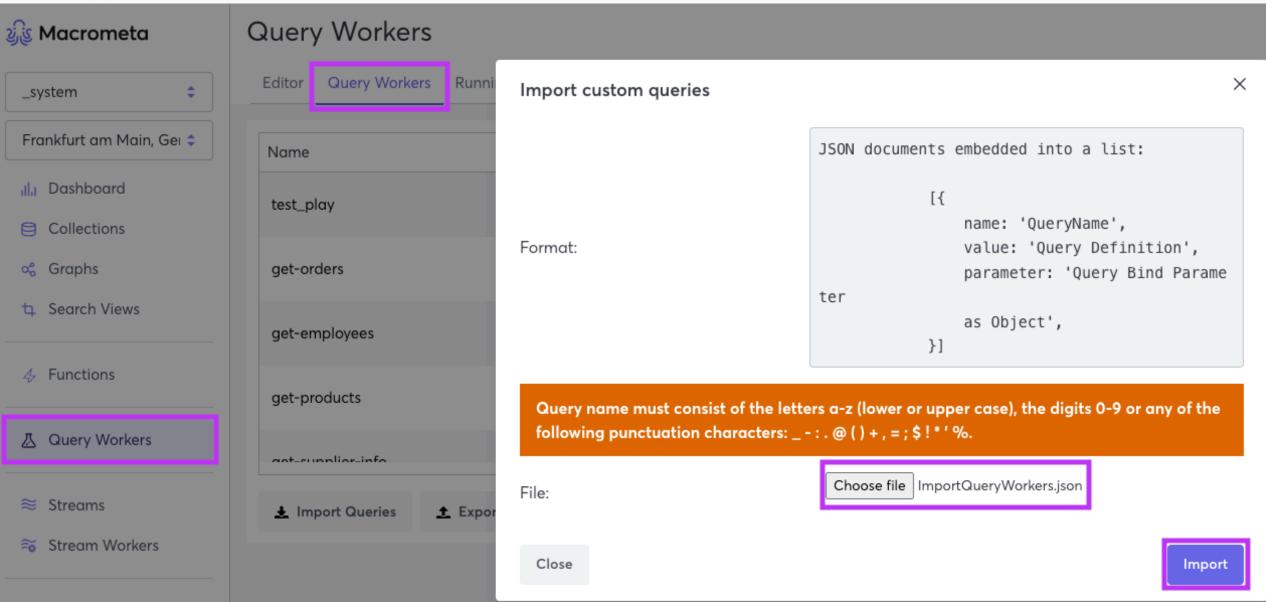
How to import predefined query workers?



Adding Query Workers

- On the side menu, click Query Workers.
- 2. Select Query Workers tab.
- 3. Click Chose file.
- 4. Select the ImportQueryWorkers.json file.
- Click Import.







Stream

How to enable stream on the collection?



Enabling stream on collection

At Macrometa every collection is a stream and every stream is a collection.

To enable stream on the collection, you can use the Macrometa console:

- 1. On the side menu, click Collections.
- 2. Select products collection.
- 3. Click Enable Stream button.



Enabling Search

How to create a search view?



Create Search View

- 1. On the side menu, click Search Views.
- 2. Click New View on top of the screen.
- 3. Type in the name of the view in the Name field.
- 4. Select products collection in the Collection field.
- 5. Select the data (collection field name) you want to search in the Field field.
- 6. Select the analyzer you want to use in the Analyzer field.
- 7. Click Create button.



