

# Integrations & API

## Using Postman

Version 8.0



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# Using Postman



**Postman** is a toolset for API testing. It is a development environment that lets you create, test, manage, and publish API documentation.

Working with requests in Postman consists of the following general stages:

- Adding a request
- Setting up the request
- Executing the request
- Saving the request

A collection of requests lets you execute several requests consecutively. Any collection of requests to Creatio must include a `POST` request to `AuthService.svc` and a user request for working with data. Using collections facilitates faster testing of large sets of requests.

Working with collections of requests in Postman consists of the following general stages:

- Adding a collection of requests
- Adding requests to the collection
- Setting up variables for the request collection
- Executing the collection of requests

We recommend using Postman for testing queries when developing integrations with Creatio via [OData 3](#) or [OData 4](#). More information about working with Postman is available in the [Postman documentation](#).

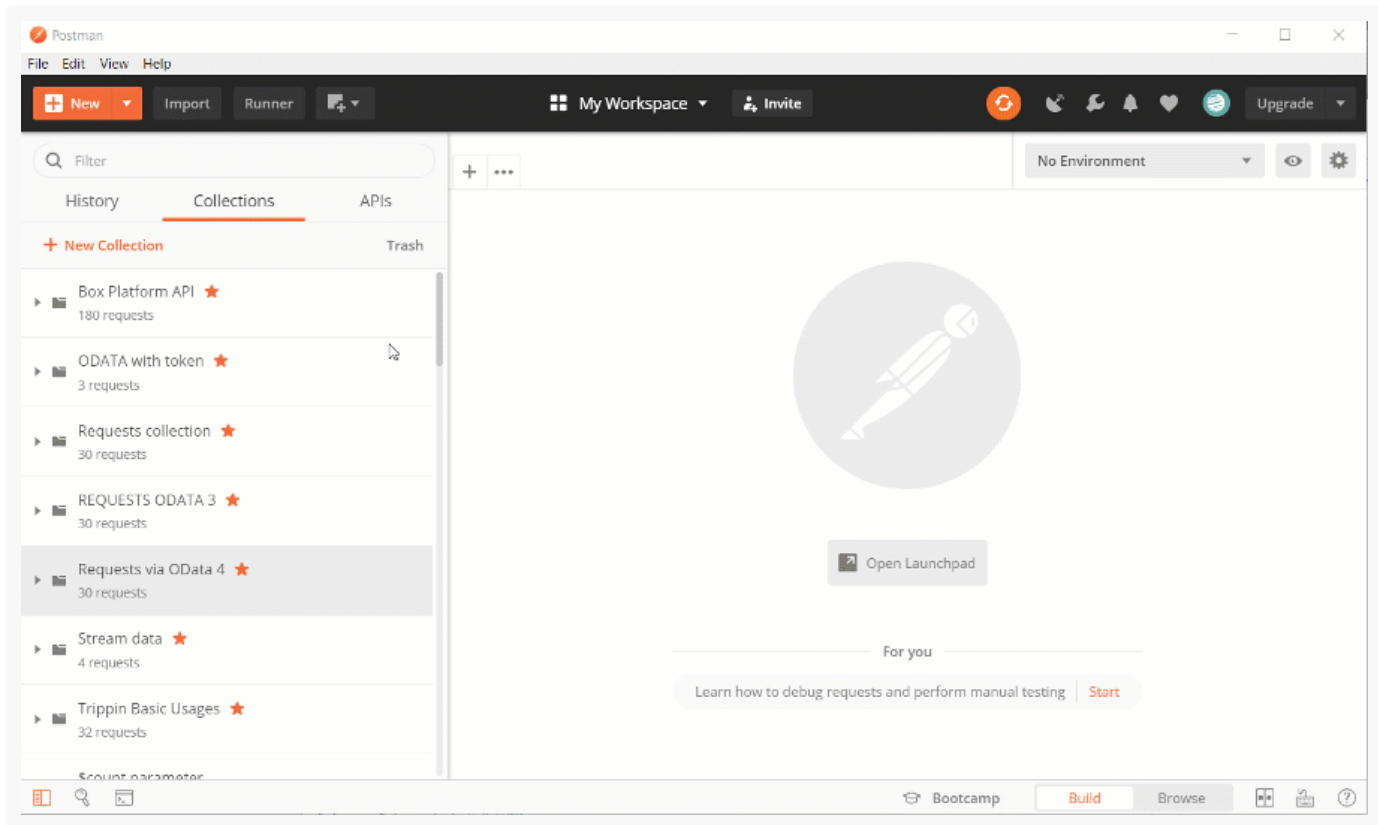
## Working with requests in Postman



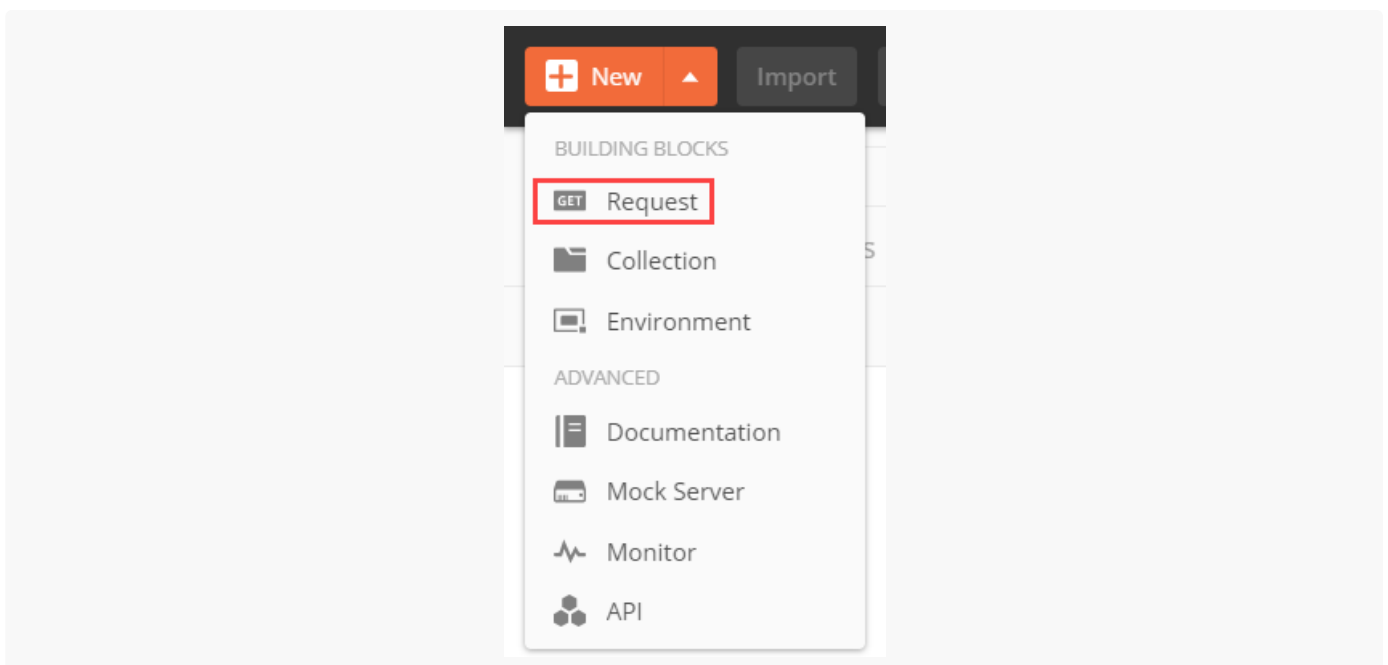
### Adding a request

There are two ways of adding a request in Postman:

- Open the [ *Create New* ] tab, then in the [ *Building blocks* ] click [ *New* ] -> [ *Request* ].



- In the dropdown menu of the [ *New* ] button, click [ *Request* ].



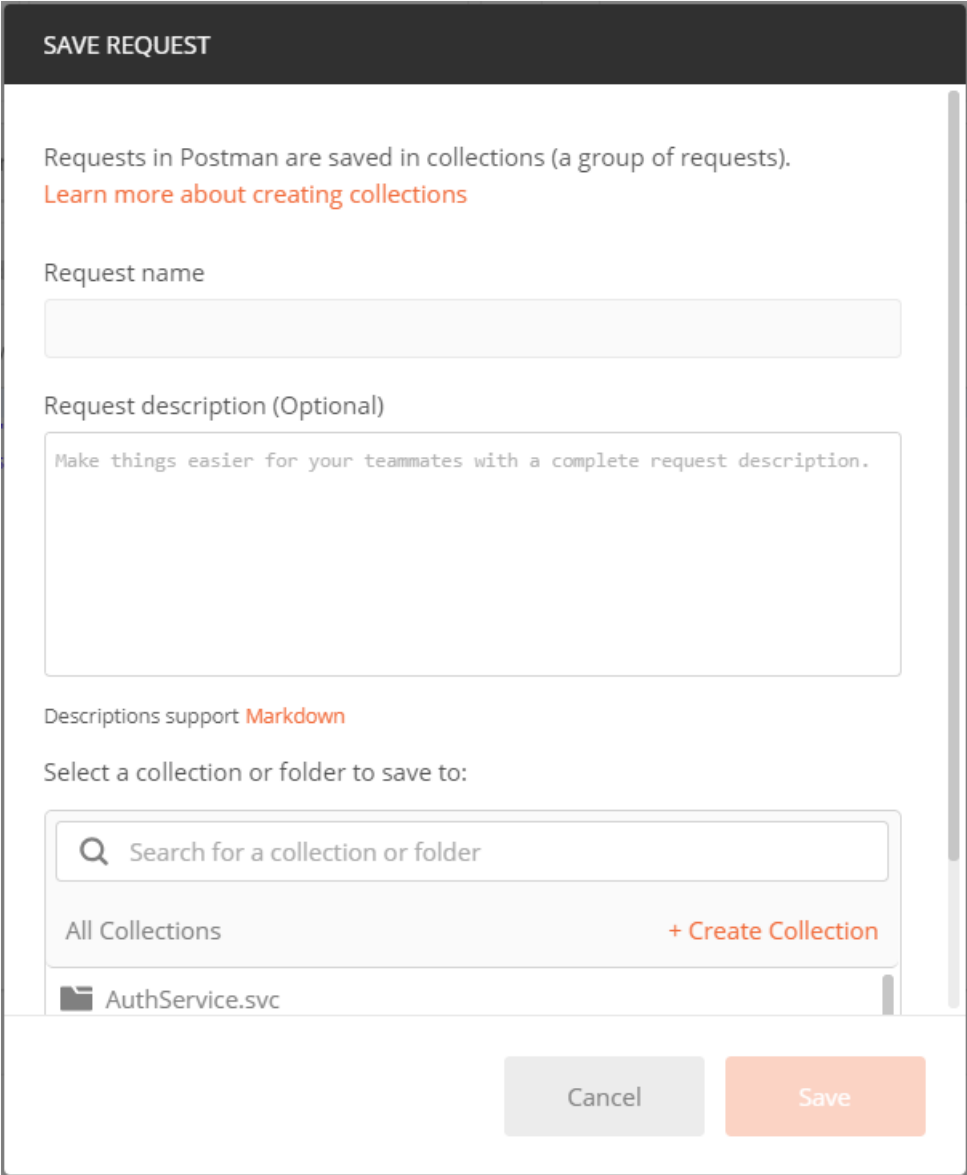
Populate the fields in the new request window:

New request fields

Field name	Description
[ <i>Request name</i> ]	The name of the new request.

Field name	Description
[ <i>Request description (Optional)</i> ]	Additional information about the request (optional).
[ <i>Search for a collection or folder</i> ]	Search for an earlier created collection of requests, or create a new one.

New request window



**SAVE REQUEST**

Requests in Postman are saved in collections (a group of requests).  
[Learn more about creating collections](#)

Request name

Request description (Optional)

Make things easier for your teammates with a complete request description.

Descriptions support [Markdown](#)

Select a collection or folder to:

Search for a collection or folder

All Collections [+ Create Collection](#)

AuthService.svc

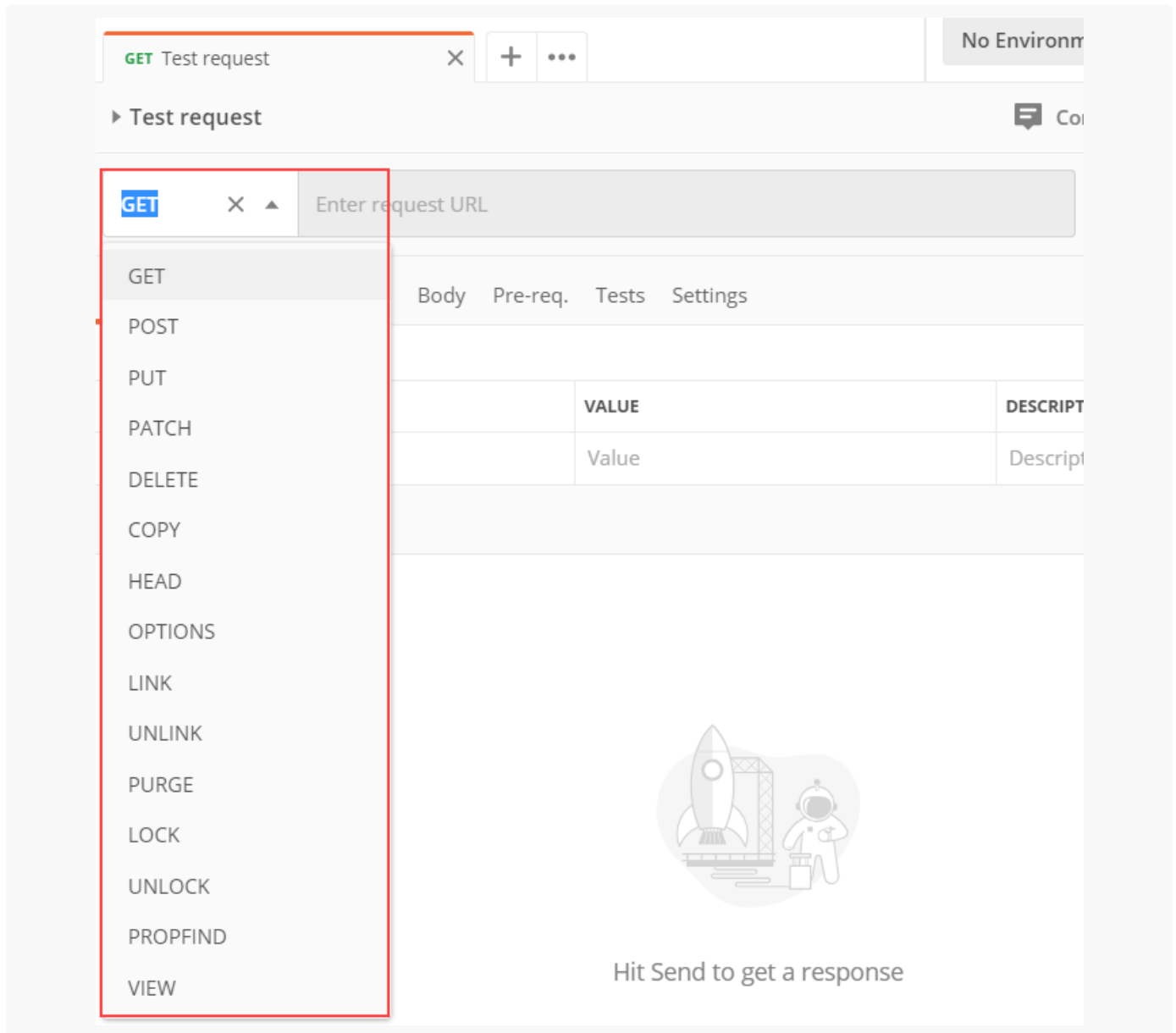
Cancel Save

Populate the fields and click [ Save ]. The button becomes active only after the [ *Search for a collection or folder* ] field is populated.

## Setting up the request

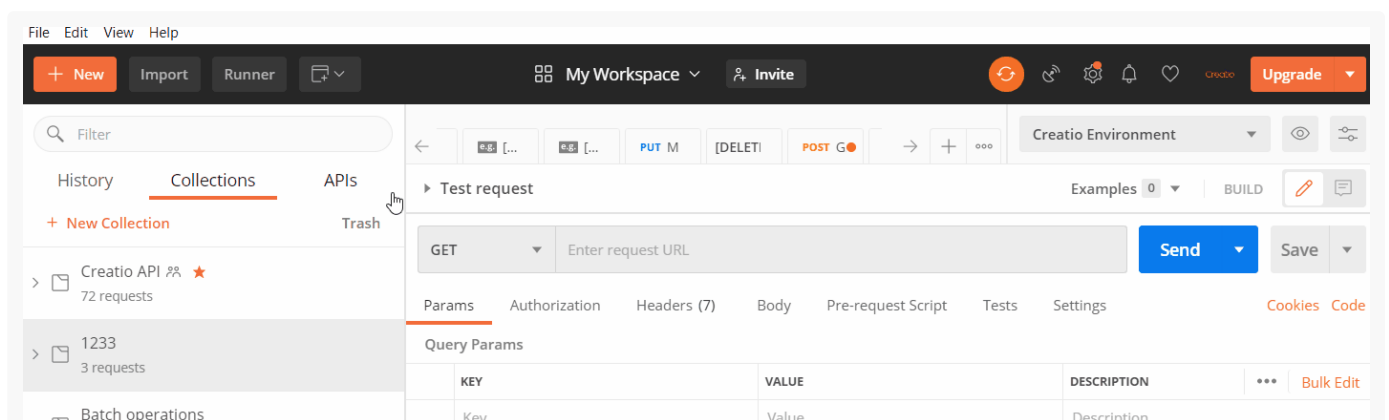
To set up the request:

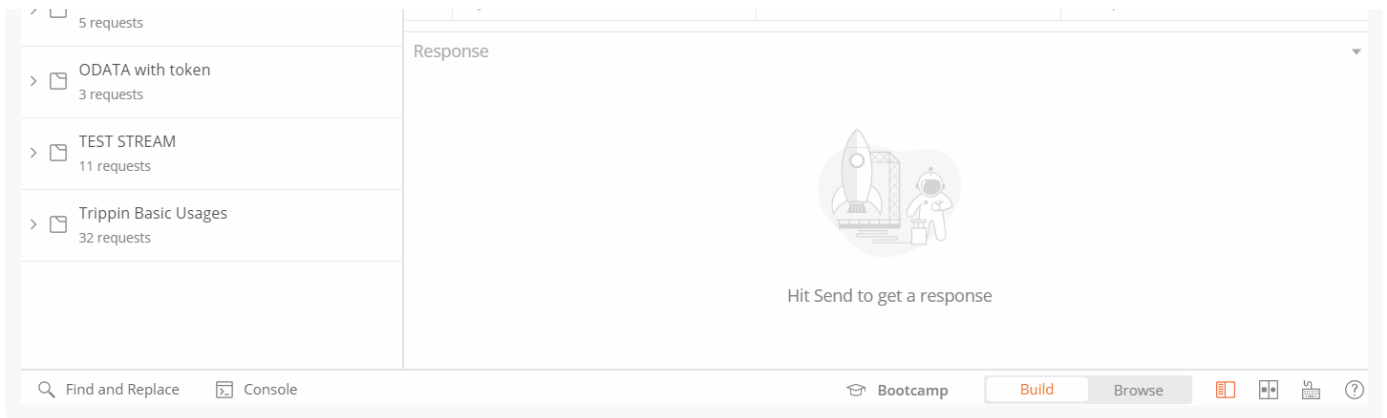
1. Select the request method.



2. Enter the request string.

3. Set the data format of the request. Go to the [ *Body* ] tab, select the “raw” option and JSON type.





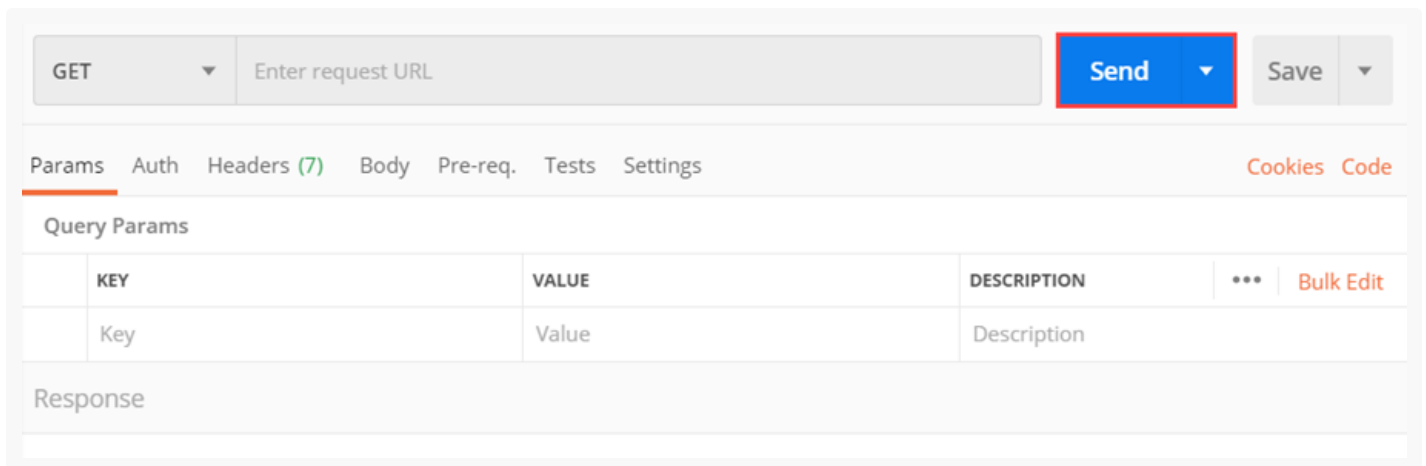
4. Populate the request body for `POST` and `PATCH` methods.
5. Go to the [ `Headers` ] tab and set the headers.

### Headers

```
Accept: application/json
Content-Type: application/json; charset=utf-8
ForceUseSession: true
```

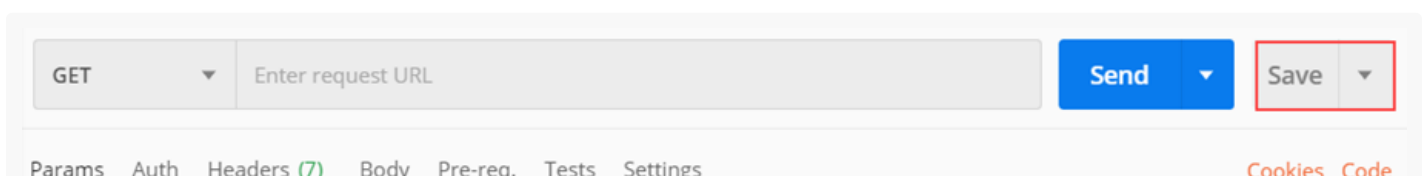
## Executing the request

To execute a request, click [ `Send` ].



## Saving the request

To save a request, click [ `Save` ].





Query Params			
KEY	VALUE	DESCRIPTION	⋮ Bulk Edit
Key	Value	Description	

Response

We recommend using Postman for testing queries when developing integrations with Creatio via [OData](#).

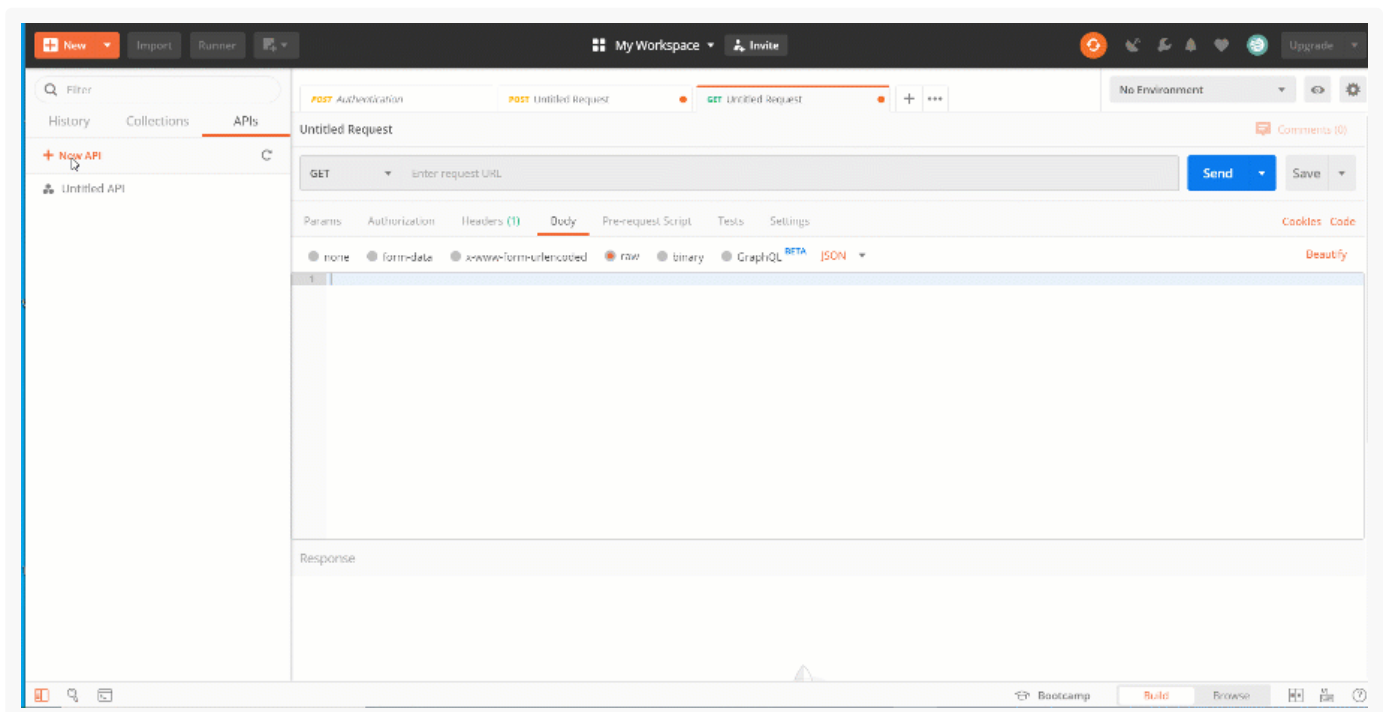
# Working with request collections in Postman

 Medium

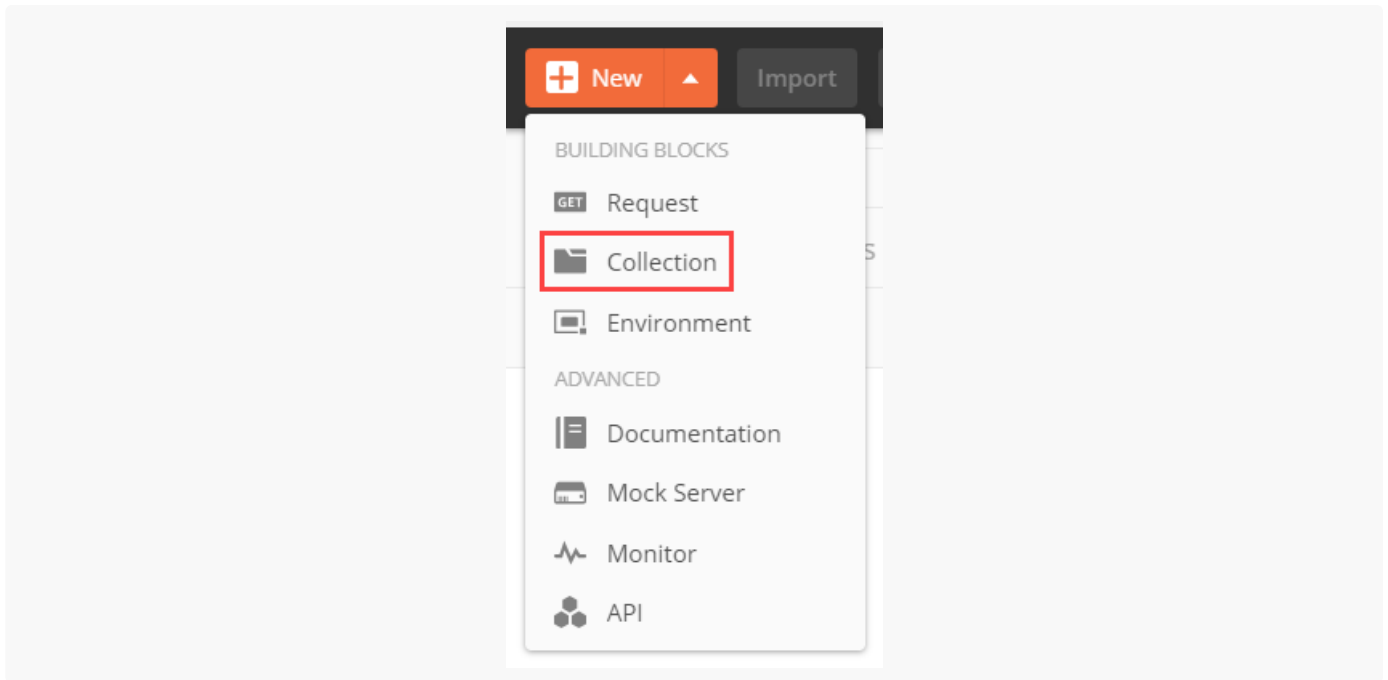
## Adding a collection of requests

There are two ways of adding a collection of requests in Postman:

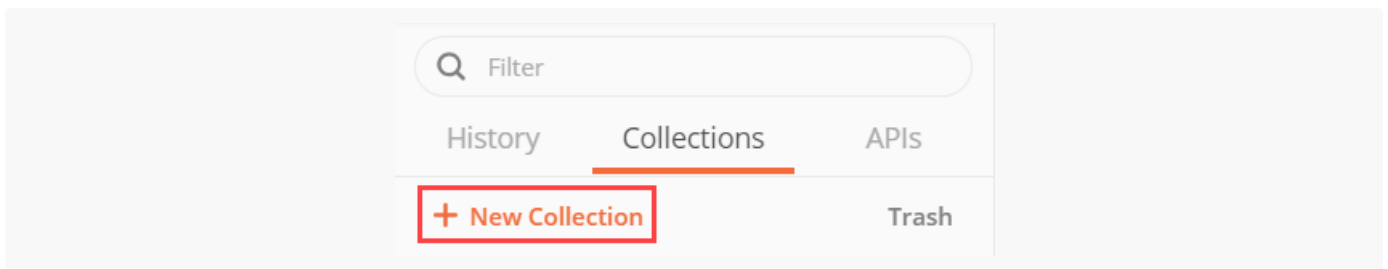
- Click [ *New* ] -> [ *Collection* ] in the [ *Building blocks* ] of the [ *Create new* ] tab.



- In the dropdown menu of the [ *New* ] button, click [ *Collection* ].



- On the [ *Collections* ] tab, click [ + *New Collection* ].

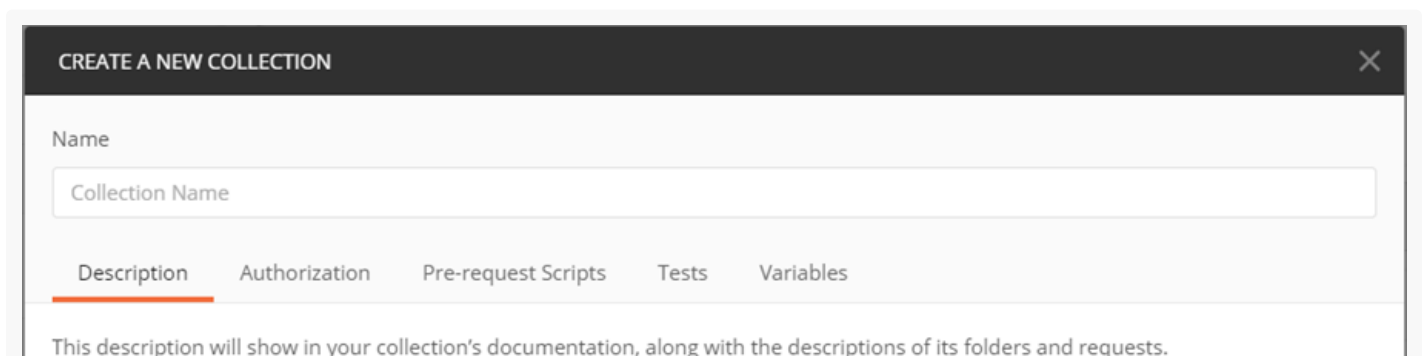


Populate the fields in the new collection window:

Fields of the new request collection window

Field name	Description
[ <i>Name</i> ]	The name of the collection.
[ <i>Description</i> ]	The description of the collection.

New collection window



Make things easier for your teammates with a complete collection description.

Descriptions support **Markdown**

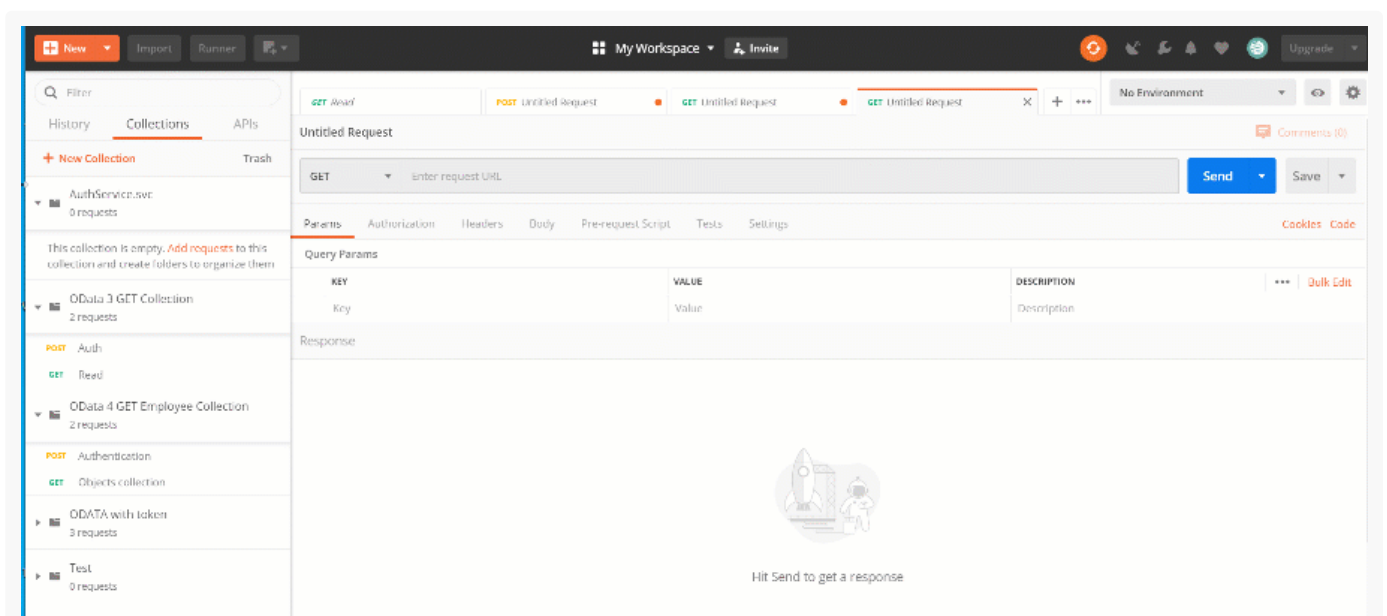
Cancel Create

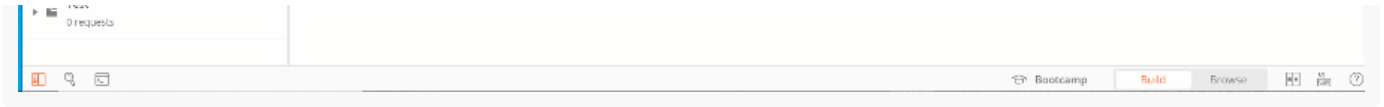
Click [ *Create* ].

## Adding requests to the collection

There are two ways of adding a request to a collection in Postman:

- Drag and drop an existing request to the collection.
- Right-click the name of an earlier created collection, then click [ *Add Request* ].

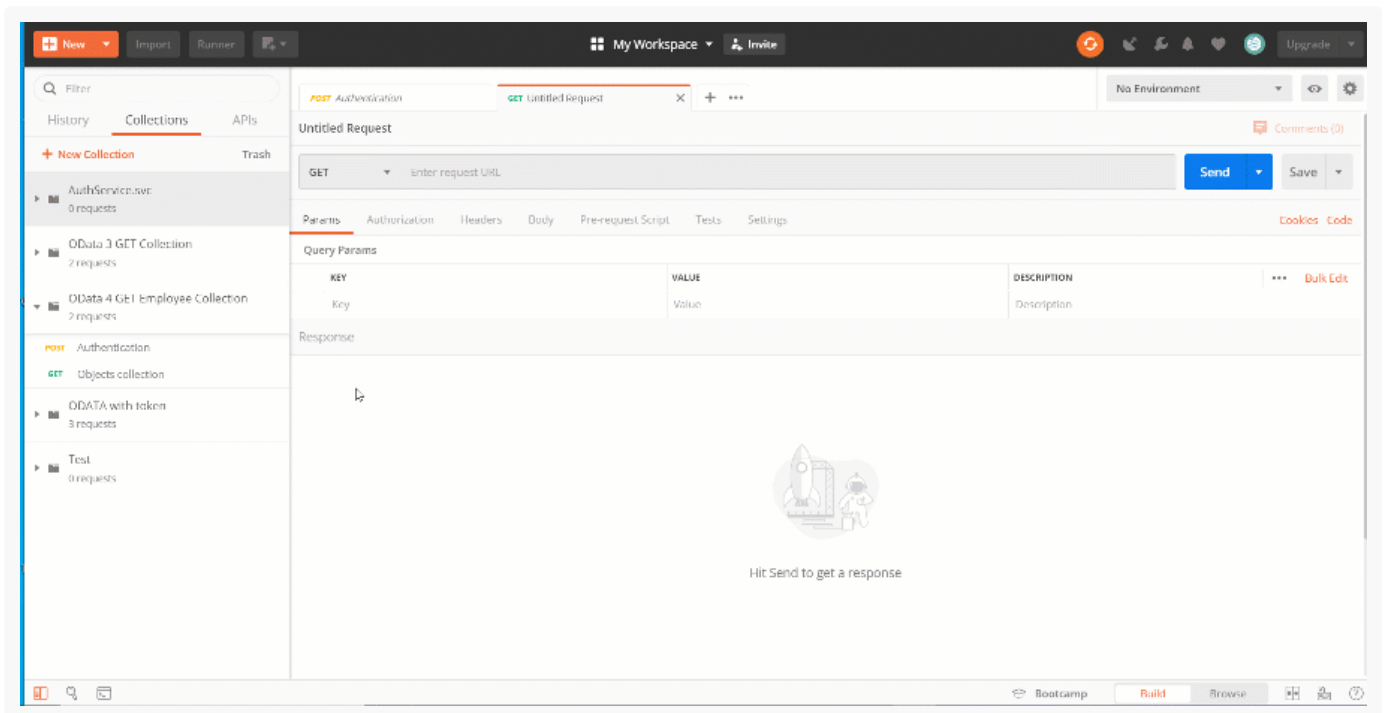




## Setting up variables for the request collection

Collections enable setting up common variables and parameters for all requests that it contains. To set the collection variables:

1. Right-click an earlier created collection.
2. Click [ *Edit* ], then go to the [ *Variables* ] tab.



3. Create the following variables for the collection:


Collection variables

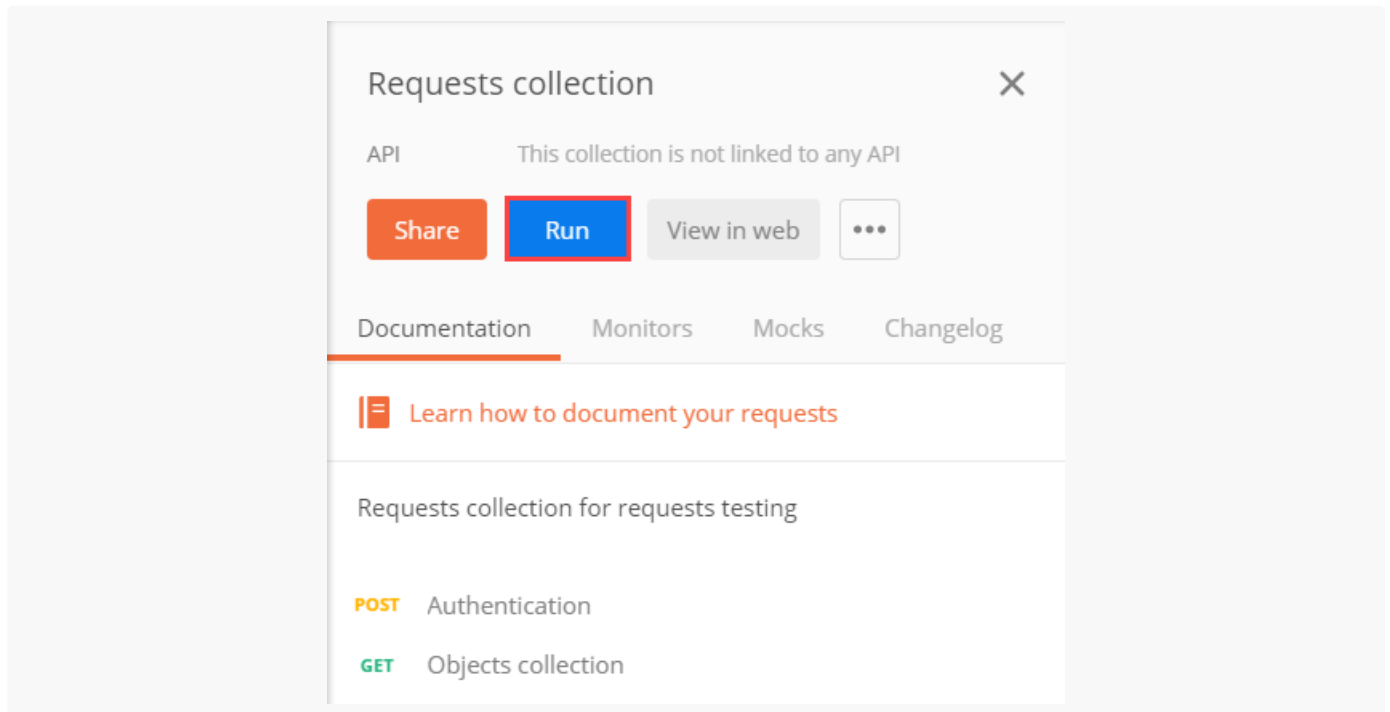
Variable name	Description
BaseURI	Creatio application URL.
UserName	Creatio application user name.
UserPassword	Creatio application user password.
BPMCSRF	CSRF protection token.
CollectionName	Object collection (database table) name.

Variable values in the [ *Initial value* ] and [ *Current value* ] must be duplicated.

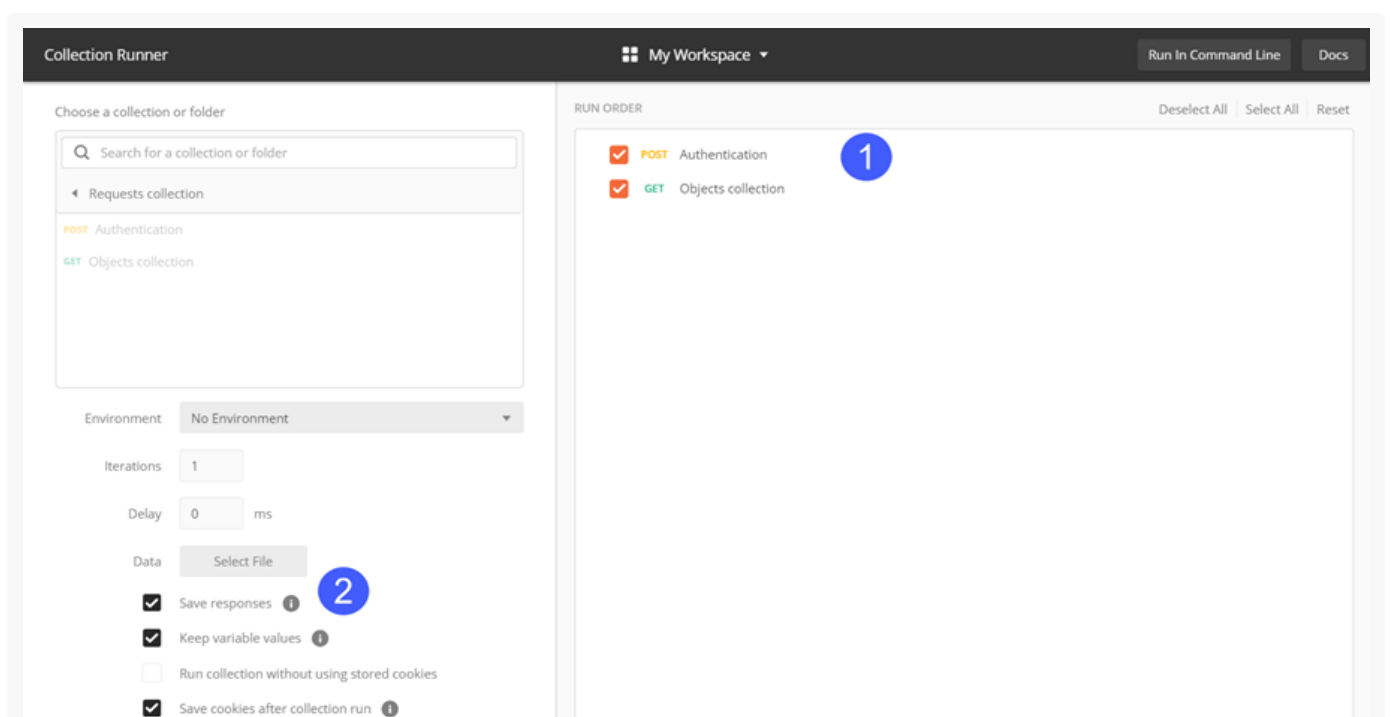
## Executing the collection of requests

To execute a collection of requests:

1. Click  next to the collection name.
2. Click [ *Run* ].



3. In the [ *Run order* ] block, select requests to run and set their order (1).



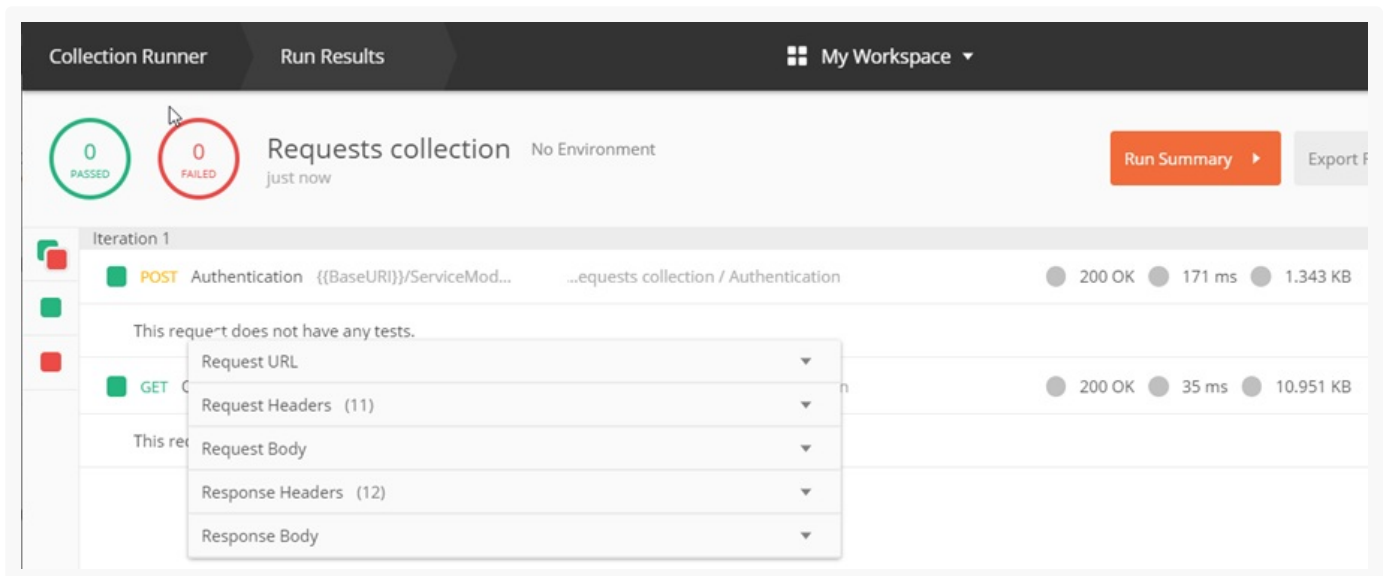


4. Select the [ *Save responses* ] checkbox (2).

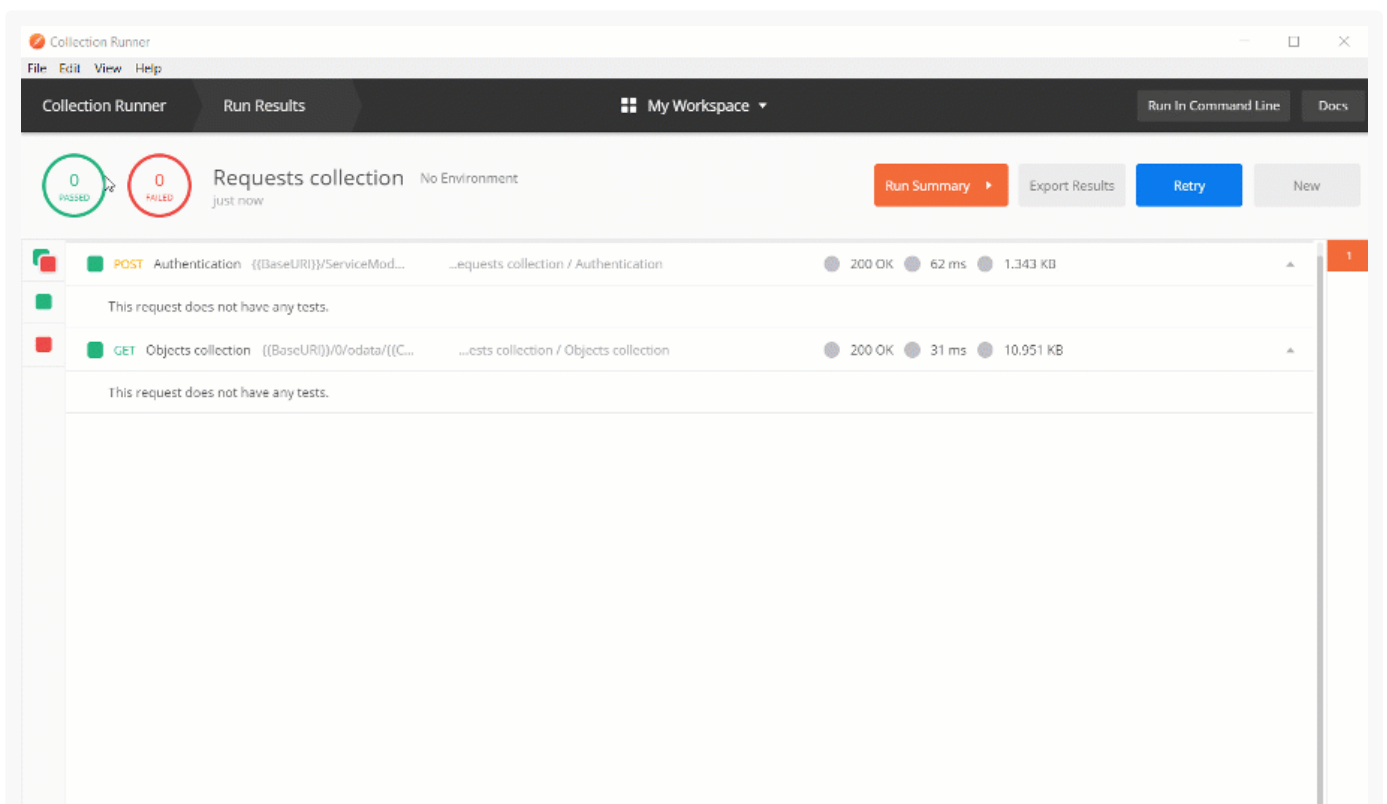
5. Click [ *Run* ] (3).

Getting data of the request structure elements and the response:

- Click the request name.



- Click [ *View* ] -> [ *Show Postman Console* ] or press [ *Alt+Ctrl+C* ] on the keyboard.





Select the needed item.