

# Postman – For testing REST API

idea-case-backend

7.2.2023



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# Postman hints, tested with Feb 2023 version

- Create **Collection**, and there folders and subfolders.
  - E.g. category\_single, category\_multiple, idea\_single, idea\_multiple folders – So you have less test cases in each folder
- Create **Environment**, and there **Variables**, like BACKEND\_SERVER\_PORT
  - Double-click on hard coded parts of the URL, e.g. :8777 and turn it into {{BACKEND\_SERVER\_PORT}}. Then by changing the current value of the variable, all test cases using that variable get the new value
- While creating a new test case variation, **start** with “Save **as**”. Otherwise risk losing the old variation
  - While saving as new, select the collection and folder that suits the best
  - I used the naming like /api/category/1 (OK) for my test cases. (FAIL) for those that are supposed to fail
- While creating a POST or PUT test case, you can first use a singleton GET to get the correct JSON format example.
  - Then edit it so that it will not have duplicate names, and so that the POST does NOT have the id
  - The JSON is put to the **Body > Raw > Text => JSON**. If you suspect a JSON format problem, use e.g. [jslint.com](https://jslint.com).
- You can right-click the Collection and scroll list down until you find: Export. You can save your test collection as JSON file e.g. to your git repo, let's say Postman folder. (Sharing Postman Team online is free for max 3 members)
- VS Code has nowadays the REST Client addition. Does it now support all the same that is mentioned here?