

Lab Activity – HTTP Requests

1 Introduction

In this lab you will issue HTTP requests to an API that provides general information about countries around the world. The API is “REST COUNTRIES” and its documentation can be found at <https://restcountries.com>. To complete this lab, you will need to go over its documentation. You must use Postman app to generate the http requests.

2 Activities

2.1 Activity #1:

Open Postman app and create a new collection. Name it **Rest_Country**.

2.2 Activity #2:

Based on the API documentation, create a http request that returns a list of all countries cataloged in the API. Save this request in your collection.

2.3 Activity #3:

Create a variable that contains the base URL for all your http requests, i.e., baseURL = <https://restcountries.com/v3.1> and update the request #2 with this variable instead of using the actual URL.

2.4 Activity #4:

Based on the API documentation, create a http request that returns information of **Canada** country only. Save this request in your collection.

2.5 Activity #5:

Based on the API documentation, create a http request that returns a list of countries that uses Dollar as currency. Save this request in your collection.

2.6 Activity #6:

Based on the API documentation, create a http request that returns a list of countries that speaks Portuguese. Save this request in your collection.

2.7 Activity #7:

Based on the API documentation, create a http request that returns a list of all the countries found in the **South America** sub-region. Save this request in your collection.

2.8 Activity #8:

Based on the API documentation, create a http request that returns the country information which has the capital named **Kinshasa**. Save this request in your collection.

3 Submitting your work

Postman allows you to export all your HTTP requests from a given collection into a JSON file (text file). Create this file by following the steps below and submitting this file.

- 1) On my workspace area, click on the “...” of your collection.
- 2) Scroll down and select the option: “export”.
- 3) Submit the JSON file created in this process for grading.