Test plan

Countries REST API <http://restcountries.eu/>

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# 1. INTRODUCTION

<http://restcountries.eu/> - information about countries: names, currency, language, capital, calling code.

# 2. OBJECTIVES AND TASKS

## 2.1 Objectives

functional manual API testing, positive and negative.

## 2.2 Tasks

Positive tests:

* GET method
* check status code
* check response structure

Negative tests:

* Validation request tests
  + Empty request
  + Wrong (not accepted) values in input parameters
  + Empty values in input parameters
  + Too many parameters
  + Too few parameters
  + Changed order of parameters
  + Inconsistencies on stated parameters and actual data (wrong document type)
  + Case insensitivity on parameter names
  + Empty request
  + API related:
    - wrong values

# 5. FEATURES TO BE TESTED

|  |
| --- |
| **Request** |
| **ALL** |
| **NAME** Search by country name. It can be the native name or partial name |
| **FULL NAME** Search by country full name |
| **CODE** Search by ISO 3166-1 2-letter or 3-letter country code |
| **LIST OF CODES** Search by list of ISO 3166-1 2-letter or 3-letter country codes |
| **CURRENCY** Search by ISO 4217 currency code |
| **LANGUAGE** Search by ISO 639-1 language code. |
| **CAPITAL CITY** Search by capital city |
| **CALLING CODE** Search by calling code |
| **REGION** Search by region: Africa, Americas, Asia, Europe, Oceania |
| **REGIONAL BLOC** |
| **FILTER RESPONSE** You can filter the output of your request to include only the specified fields. |

# 6. FEATURES NOT TO BE TESTED

* multi-step workflows
* security testing
* load testing
* stress testing
* performance testing
* stability testing

# 7. MAJOR DELIVERABLES

- Test Plan

- Check list

- Postman Collection

- GitHub repository

# 8. TOOLS

Postman