

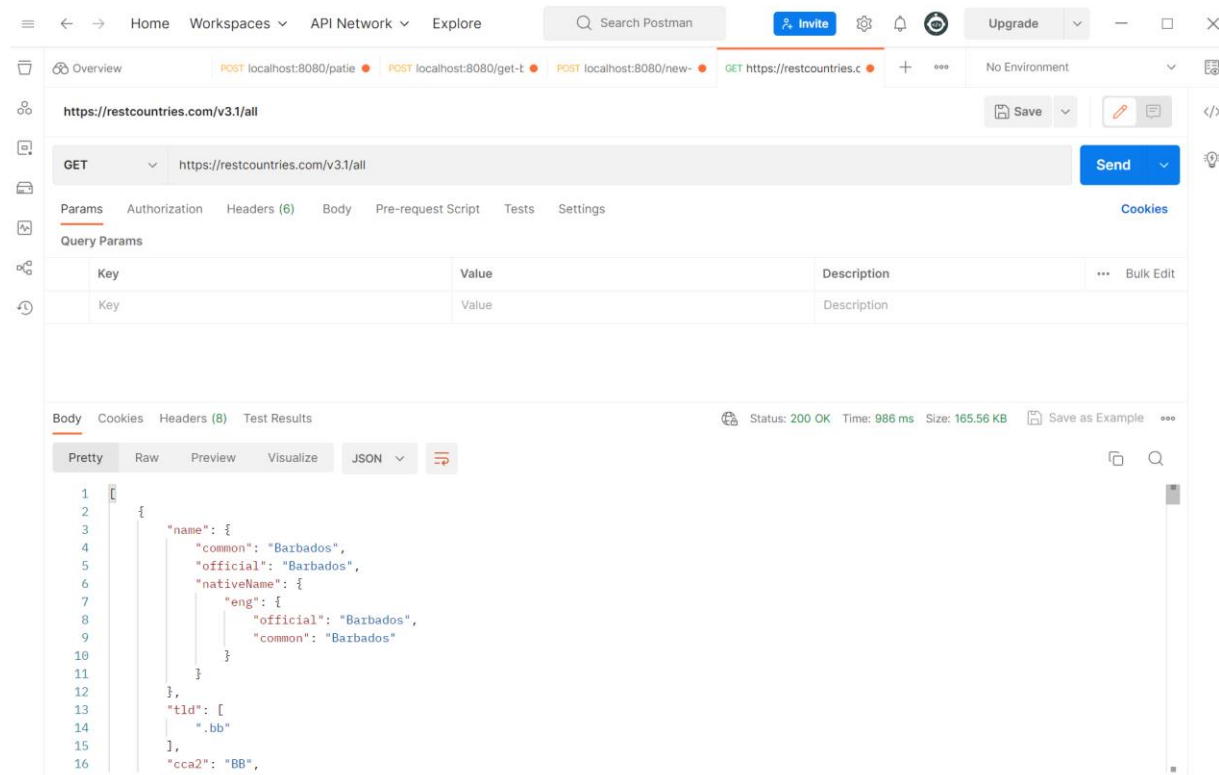
M5 – Introducción a las API REST

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TAREA CONSULTA DE DATOS API

La API gratuita REST Countries (<https://restcountries.com/>) tiene configurados las URI para el GET de cada uno de los siguientes endpoints:

1. <https://restcountries.com/v3.1/all>



The screenshot shows the Postman interface with a GET request to `https://restcountries.com/v3.1/all`. The response status is 200 OK, with a time of 986 ms and a size of 165.56 KB. The response body is displayed in JSON format, showing details for Barbados.

```
1 {
2   "name": {
3     "common": "Barbados",
4     "official": "Barbados",
5     "nativeName": {
6       "eng": {
7         "official": "Barbados",
8         "common": "Barbados"
9       }
10    },
11  },
12  "tld": [
13    ".bb"
14  ],
15  "cca2": "BB",
```

2. <https://restcountries.com/v3.1/name/{name}>

Home Workspaces API Network Explore Search Postman Invite Upgrade Hablando:

Menu Overview GET https://restcountries.cr + ... No Environment

https://restcountries.com/v3.1/name/Spain Save Send

GET https://restcountries.com/v3.1/name/Spain Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
Key	Value	Description		

Body Cookies Headers (8) Test Results Status: 200 OK Time: 418 ms Size: 1.75 KB Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": {
3     "common": "Spain",
4     "official": "Kingdom of Spain",
5     "nativeName": {
6       "spa": {
7         "official": "Reino de España",
8         "common": "España"
9       }
10    },
11  },
12  "tld": [
13    ".es"
14  ],
15  "cca2": "ES",
16 }
```

Online Find and Replace Console Cookies Capture requests Runner Trash

3. <https://restcountries.com/v3.1/name/{name}?fullText=true>

Home Workspaces API Network Explore Search Postman Invite Upgrade Hablando:

Overview GET https://restcountries.cr + ... No Environment

https://restcountries.com/v3.1/name/Brazil?fullText=true Save Send

GET https://restcountries.com/v3.1/name/Brazil?fullText=true Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> fullText	true			
Key	Value	Description		

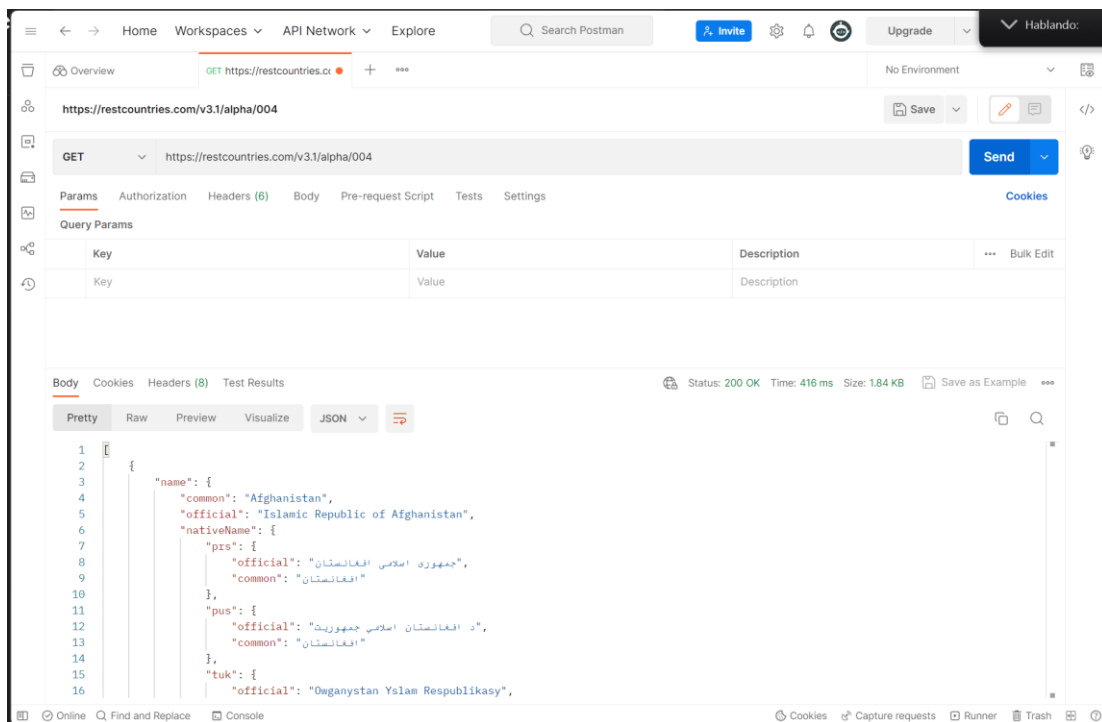
Body Cookies Headers (8) Test Results Status: 200 OK Time: 372 ms Size: 1.93 KB Save as Example

Pretty Raw Preview Visualize JSON

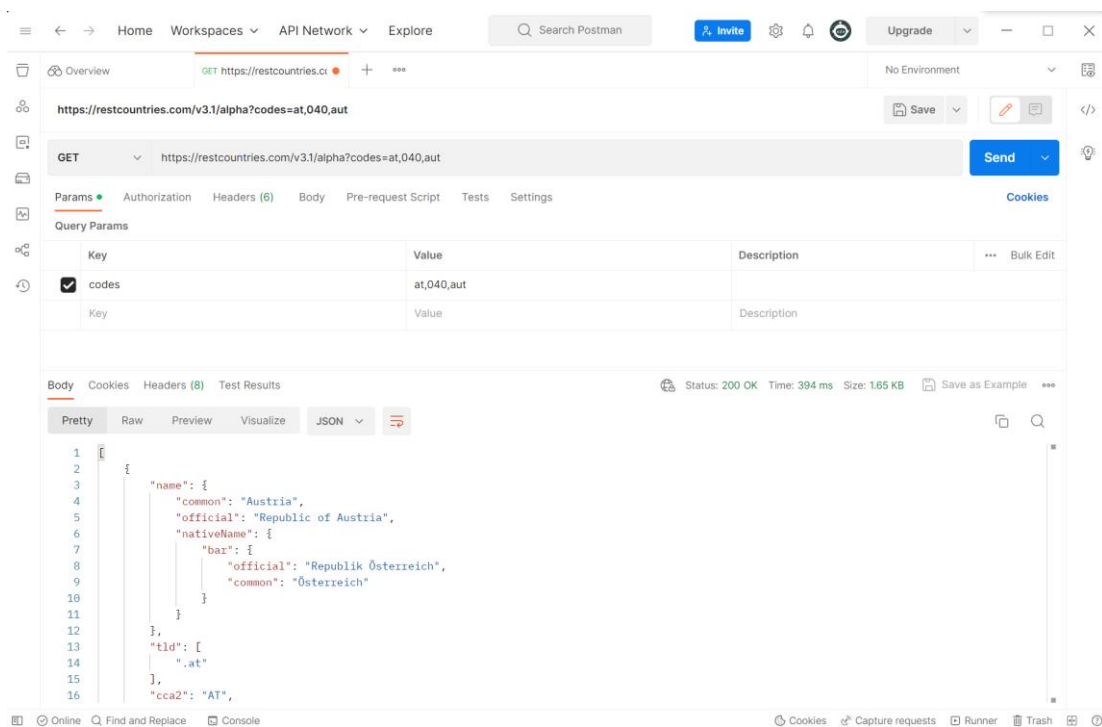
```
1 {
2   "name": {
3     "common": "Brazil",
4     "official": "Federative Republic of Brazil",
5     "nativeName": {
6       "por": {
7         "official": "República Federativa do Brasil",
8         "common": "Brasil"
9       }
10    },
11  },
12  "tld": [
13    ".br"
14  ],
15  "cca2": "BR",
16 }
```

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4. <https://restcountries.com/v3.1/alpha/{code}>



5. <https://restcountries.com/v3.1/alpha?codes={code};{code};{code}>



6. <https://restcountries.com/v3.1/currency/{currency}>

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Overview GET https://restcountries.cr + No Environment

https://restcountries.com/v3.1/currency/dollar Save </>

GET https://restcountries.com/v3.1/currency/dollar Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (8) Test Results Status: 200 OK Time: 349 ms Size: 39.74 KB Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": {
3     "common": "United States",
4     "official": "United States of America",
5     "nativeName": {
6       "eng": {
7         "official": "United States of America",
8         "common": "United States"
9       }
10    },
11  },
12  "tld": [
13    ".us"
14  ],
15  "cca2": "US",
16 }
```

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7. <https://restcountries.com/v3.1/lang/{et}>

Home Workspaces API Network Explore Search Postman Invite Upgrade

Overview GET https://restcountries.cr + No Environment

https://restcountries.com/v3.1/lang/portuguese Save </>

GET https://restcountries.com/v3.1/lang/portuguese Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (8) Test Results Status: 200 OK Time: 377 ms Size: 8.86 KB Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": {
3     "common": "Equatorial Guinea",
4     "official": "Republic of Equatorial Guinea",
5     "nativeName": {
6       "fra": {
7         "official": "République de la Guinée Équatoriale",
8         "common": "Guinée équatoriale"
9       },
10      "por": {
11        "official": "República da Guiné Equatorial",
12        "common": "Guiné Equatorial"
13      },
14      "spa": {
15        "official": "República de Guinea Ecuatorial",
16      }
17    }
18  }
```

Online Find and Replace Console Cookies Capture requests Runner Trash

8. <https://restcountries.com/v3.1/capital/{capital}>

The screenshot shows a Postman interface with a GET request to `https://restcountries.com/v3.1/capital/brasilia`. The response is a JSON object representing Brazil. The status is 200 OK, with a time of 487 ms and a size of 1.93 KB.

```
{
  "name": {
    "common": "Brazil",
    "official": "Federative Republic of Brazil",
    "nativeName": {
      "por": {
        "official": "República Federativa do Brasil",
        "common": "Brasil"
      }
    }
  },
  "tld": [
    ".br"
  ],
  "cca2": "BR",
```

9. <https://restcountries.com/v3.1/callingcode/{callingcode}>

CALLING CODE

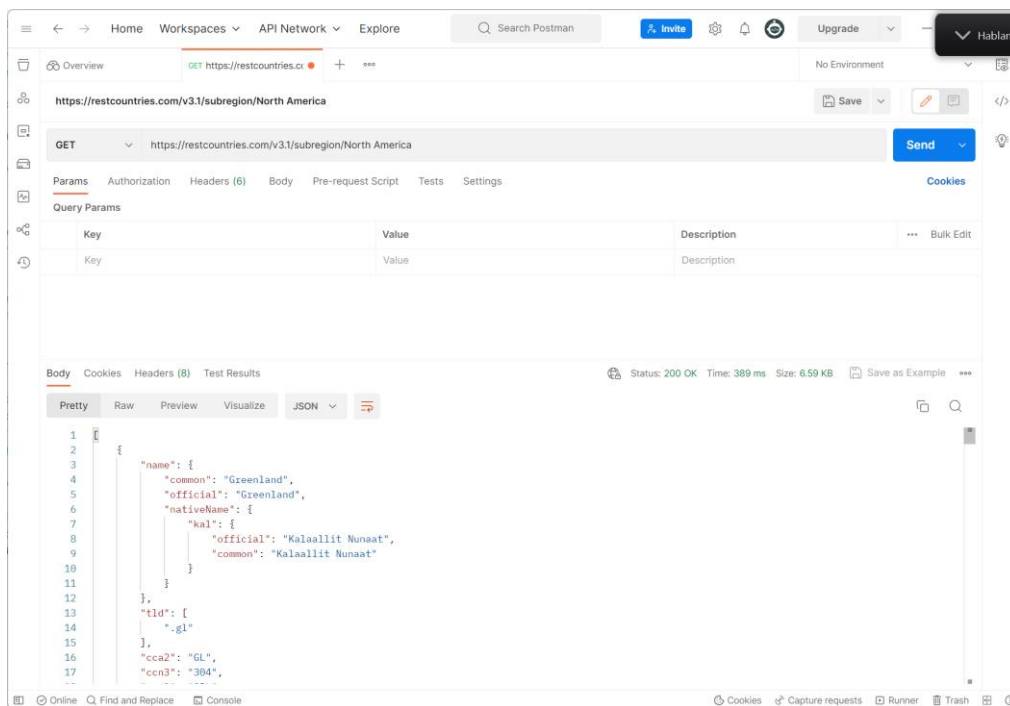
In version 3, calling codes are in the `idd` object. There is no implementation to search by calling codes in V3.

10. <https://restcountries.com/v3.1/region/{region}>

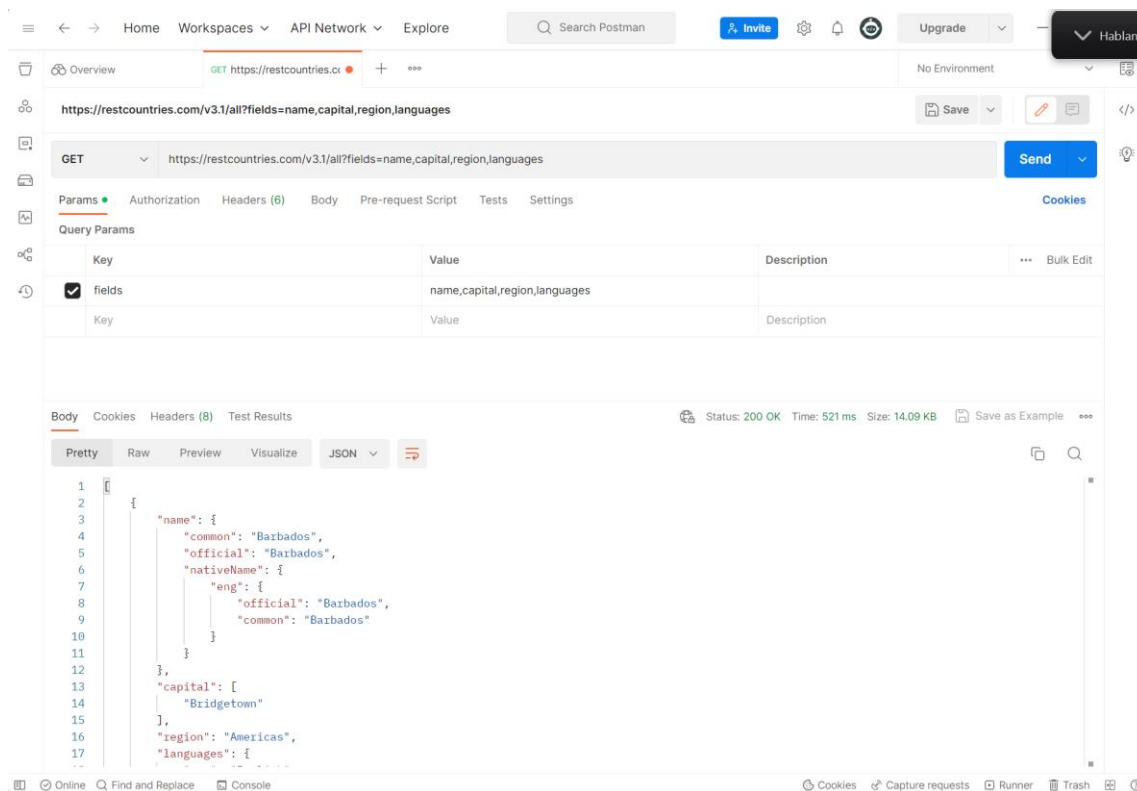
The screenshot shows a Postman interface with a GET request to `https://restcountries.com/v3.1/region/asia`. The response is a JSON object representing Kazakhstan. The status is 200 OK, with a time of 768 ms and a size of 35.9 KB.

```
{
  "name": {
    "common": "Kazakhstan",
    "official": "Republic of Kazakhstan",
    "nativeName": {
      "kaz": {
        "official": "Қазақстан Республикасы",
        "common": "Қазақстан"
      },
      "rus": {
        "official": "Республика Казахстан",
        "common": "Казахстан"
      }
    }
  },
  "tld": [
    ".kz"
  ],
  "cca2": "KZ",
```

11. <https://restcountries.com/v3.1/regionalbloc/{regionalbloc}>



12. <https://restcountries.com/v3.1/{service}?fields={field};{field};{field}>



Sobre la API REST Countries realiza una consulta GET válida para cada uno de los end-points anteriores. Utiliza para ello la aplicación cliente POSTMAN (<https://www.postman.com/>).