

Documentation for

randomPuntanoGenerator -> randomAddress

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What does it do?

It returns a random Street address (with coords) in San Luis City, San Luis, Argentina

*At the moment of writing, there are only 100 daily attempts at generating an address. That is cause it consumes a paid API provided by Google, and I am not rich

*1 request is not equal to 1 attempt. A request can take multiple attempts at getting a real street address

*I can turn off this API anytime. In that scenario, expect a 503

Supported methods

GET

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=value`

The query parameter **apiKey=value** is required, and `value` effects in the following way:

value	Effect
password123	returns the sample address (Estado de Israel 1472)
the valid key	tries to generate a random address in San Luis city. The response could be successful or not. More info about possible responses just below
empty	returns status 400
not valid key	returns status 403

*Any other query parameter is ignored

Response

The responses provided by this API are the following

Status

Can be the following values

- 200: the request was successful (**it doesn't mean there was no error**)
- 400: bad request. "apikey" is bad written or api key is null
- 403: the provided apiKey is not valid
- 405: the method requested is not supported. **This API only supports GET request**
- 500: an exception occurred when processing the request
- 503: the address simulation is currently turned off or there are no more available daily attempts

Body

a JSON with the following structure

```
{
  "success": Boolean,
  "data": {
    "address": String,
    "coords": {
      "lat": number
      "lng": number
    }
  },
  "errors": List<String>
}
```

- success: only `true` in a status 200 scenario. `false` under any other circumstance

The data object only exist under a status 200 scenario

- data.address: A string containing the street address
- data.coords.lat: latitude of the point where the address is
- data.coord.lng: longitude of the point where the address is
- errors: a list of strings containing all the errors that happened during the request. Even if the address was generated successfully, it contains information about the failed attempt/s. An error string has the following structure

Date in UTC format + api/randomPuntanoGenerator/randomAddress.js
-> + an error description

for example

```
"errors": [  
  "Sun, 19 Jun 2022 00:00:29 GMT  
api/randomPuntanoGenerator/randomAddress.js -> obtaining street  
address from Geocode.fromLatLng(-33.348687257508175,  
-66.3529474791297) was not OK. Probably was a point in the middle  
of nowhere. Attempts left: 4. Retrying...",  
  "Sun, 19 Jun 2022 00:00:30 GMT  
api/randomPuntanoGenerator/randomAddress.js -> obtaining street  
address from Geocode.fromLatLng(-33.320866228284885,  
-66.35641141711001) was not OK. Probably was a point in the middle  
of nowhere. Attempts left: 3. Retrying..."  
]
```

Examples

Example 1: Request with query parameter apiKey = password 123. Response status 200 and errors

Request

<https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=password123>

Response

Status: 200

Body:

```
{  
  "success": true,  
  "data": {  
    "address": "Estado de Israel 1472",  
    "coords": {  
      "lat": -33.2925125,  
      "lng": -66.3386712  
    }  
  },  
  "errors": [  
    "Sun, 19 Jun 2022 22:48:48 GMT This is a sample address. To  
really get a random San Luis city address, you need a valid  
apiKey. If you want one, contact me  
linkedin.com/in/franco-becevort/"  
  ]  
}
```

Example 2: Request with query parameter apiKey = the valid key. Response status 200 and no errors

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=TheValidKeyHere`

Response

Status: 200

Body:

```
{
  "success": true,
  "data": {
    "address": "Av. Eva Perón 900",
    "coords": {
      "lat": -33.3006188,
      "lng": -66.2897423
    }
  },
  "errors": []
}
```

Example 3: Request with query parameter apiKey = the valid key. Response status 200 and some errors

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=TheValidKeyHere`

Response

Status: 200

Body:

```
{
  "success": true,
  "data": {
    "address": "Martín de Loyola 2068",
    "coords": {
      "lat": -33.286967,
      "lng": -66.3533417
    }
  },
  "errors": [
    "Sun, 19 Jun 2022 00:20:28 GMT
    api/randomPuntanoGenerator/randomAddress.js -> obtaining street
    address from Geocode.fromLatLng(-33.32667351749042,
    -66.3538232984435) was not OK. Probably was a point in the middle
    of nowhere. Attempts left: 3. Retrying...",
    "Sun, 19 Jun 2022 00:20:28 GMT
    api/randomPuntanoGenerator/randomAddress.js -> obtaining street
    address from Geocode.fromLatLng(-33.34112966599688,
    -66.28793019730887) was not OK. Probably was a point in the middle
    of nowhere. Attempts left: 2. Retrying..."
  ]
}
```

Example 4: Request with query parameter apiKey = empty. Response status 400 and errors

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey`

Response

Status: 400

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 01:02:18 GMT
api/randomPuntanoGenerator/randomAddress.js -> GET error 400:
apiKey is null"
  ]
}
```

Example 5: Request with query parameter apiKey = not valid key. Response status 403 and errors

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=notValidKey`

Response

Status: 403

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 01:15:50 GMT
api/randomPuntanoGenerator/randomAddress.js -> GET error 403:
apiKey is not valid"
  ]
}
```

Example 6: Request with query parameter apiKey = the valid key. Response status 503 cause this request consumed all the available daily attempts

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=TheValidKeyHere`

Response

Status: 503

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 00:32:30 GMT
api/randomPuntanoGenerator/randomAddress.js -> obtaining street
address from Geocode.fromLatLng(-33.29901710840121,
-66.2949492076042) was not OK. Probably was a point in the middle
of nowhere. Attempts left: 0. Retrying...",
    "Sun, 19 Jun 2022 00:32:30 GMT
api/randomPuntanoGenerator/randomAddress.js -> GET success 503:
There are no more attempts available. If you need to keep using
the address simulation feature, please contact me!
linkedin.com/in/franco-becvort/"
  ]
}
```


Example 7: Request with query parameter apiKey = the valid key. Response status 503 cause there are no more available attempts

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=TheValidKeyHere`

Response

Status: 503

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 00:26:33 GMT
api/randomPuntanoGenerator/randomAddress.js -> GET success 503:
There are no more attempts available. If you need to keep using
the address simulation feature, please contact me!
linkedin.com/in/franco-beqvort/"
  ]
}
```

Example 8: Request with query parameter apiKey = the valid key. Response status 503 cause API is turned off

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=TheValidKeyHere`

Response

Status: 503

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 01:26:15 GMT
api/randomPuntanoGenerator/randomAddress.js -> GET error 503: API
turned off. If you need to use this API, contact me
linkedin.com/in/franco-beqvort/"
  ]
}
```

Example 9: Response status 500 and errors

(For this, I purposely had to modify the API to throw an exception. The consumer of this API should never fall in this scenario. Nonetheless, the API is ready to return status 500 under an unexpected scenario)

Request

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress?apiKey=TheValidKeyHere`

Response

Status: 500

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 02:29:06 GMT
api/randomPuntanoGenerator/randomAddress.js -> GET error 500:
exception = Error: This is an example error"
  ]
}
```

Unsupported methods

This API only supports the request GET method. Any other request method will return status 405.

Example 10: Request with an unsupported method. Response status 405 and errors

A POST request at

`https://pollito-stuff.vercel.app/api/randomPuntanoGenerator/randomAddress`

Response

Status: 405

Body:

```
{
  "success": false,
  "errors": [
    "Sun, 19 Jun 2022 01:45:53 GMT
    api/randomPuntanoGenerator/randomAddress.js -> DEFAULT error 405:
    method not supported"
  ]
}
```

Contact info

If for any reason you need to contact me, feel free to [send me a dm in linkedin](#)