

3. Вывод при запуске кода 2

```
curl -X 'POST' \
   'https://petstore.swagger.io/v2/pet' \
   -H 'accept: application/json' \
   -H 'Content-Type: application/json' \
   -d '{
    "id": 148769,
    "category": {
        "id": 0,
        "name": "string"
    },
    "name": "Balls",
    "photoUrls": [
        "string"
    ],
    "tags": [
        {
            "id": 0,
            "name": "string"
        }
    ],
    "status": "available"
}

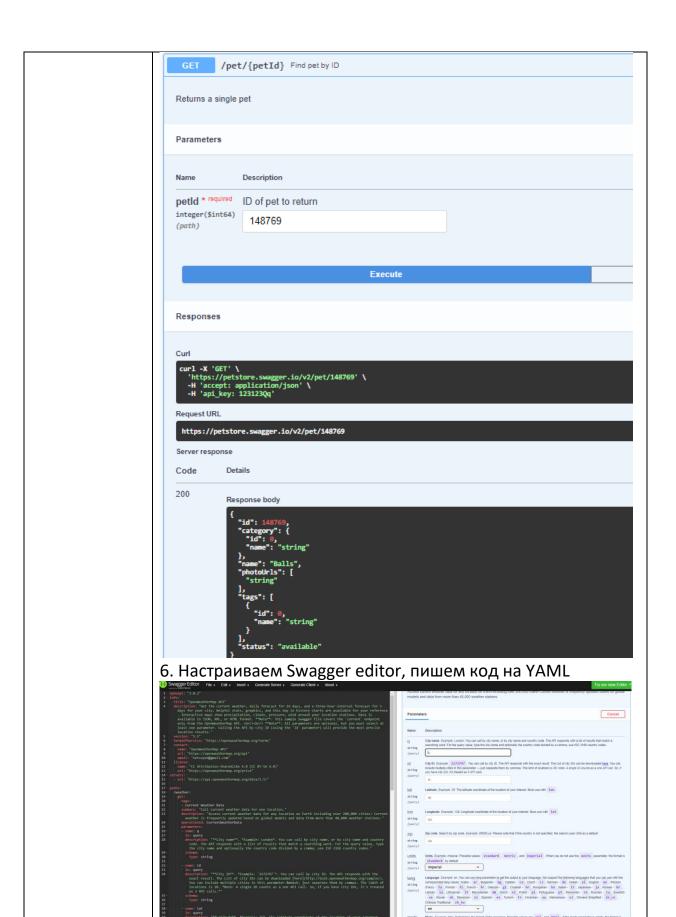
Request URL

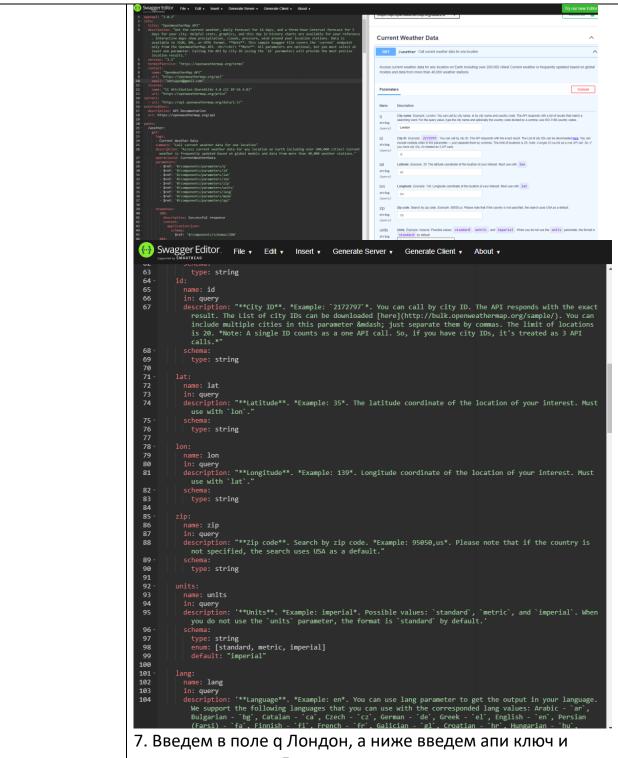
https://petstore.swagger.io/v2/pet
```

4. Так же получаем xml

```
Response body
    <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
      <Pet>
       <category>
         <id>0</id>
         <name>string</name>
       </category>
       <id>148769</id>
       <name>Balls</name>
       <photoUrls>
         <photoUrl>string</photoUrl>
       </photoUrls>
       <status>available</status>
       <tags>
         <tag>
           <id>0</id>
           <name>string</name>
         </tag>
        </tags>
      </Pet>
```

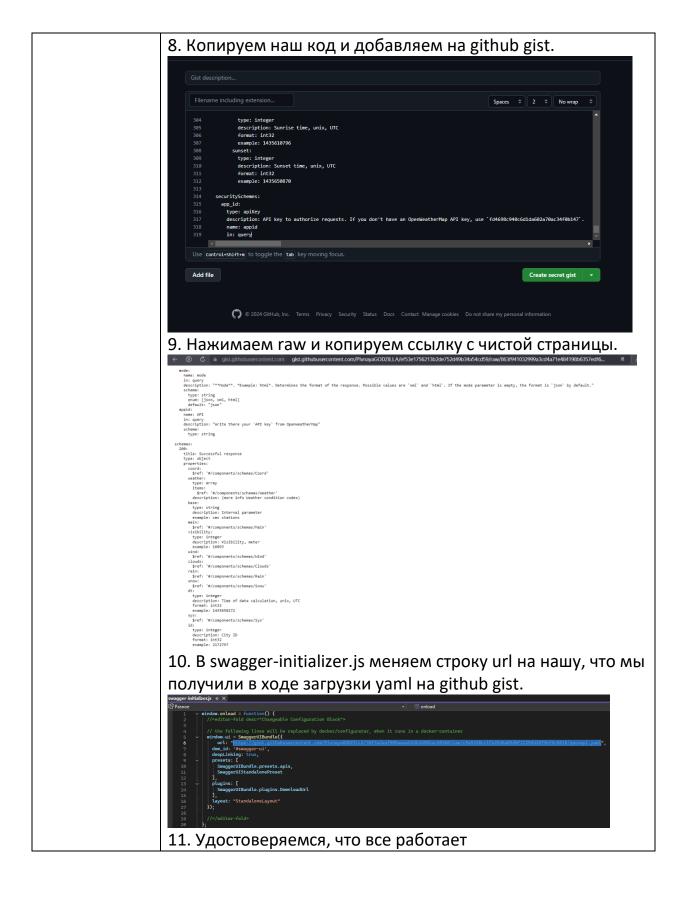
5. B GET pet {petID} вводим айди нашего питомца и получаем информацию о нашем API и питомце

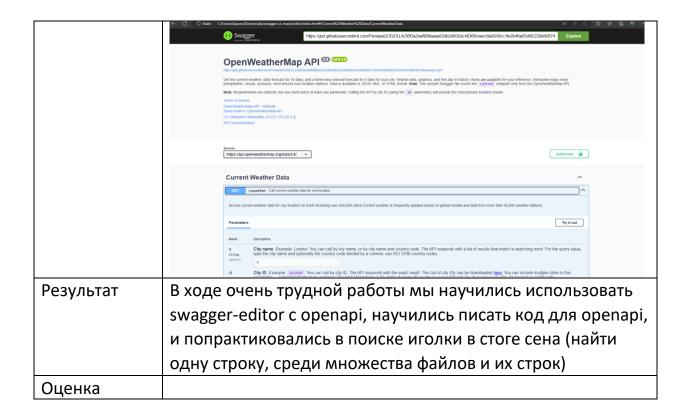




7. Введем в поле q Лондон, а ниже введем апи ключ и получим погоду в Лондоне

q	City name. Example: London. You can call by city name, or by city name and country code. The API responds with a list of re name and optionally the country code divided by a comma; use ISO 3168 country codes.	
string (query)	London	
id	City ID. Example: 2172797 . You can call by city ID. The API responds with the exact result. The List of city IDs can be do	
string	separate them by commas. The limit of locations is 20. Note: A single ID counts as a one API call. So, if you have city IDs, it's	
(query)	id	
lat	Latitude . Example: 35. The latitude coordinate of the location of your interest. Must use with 10n .	
string (query)	lat	
lon	Longitude. Example: 139. Longitude coordinate of the location of your interest. Must use with lat.	
string	Ion	
(query)		
zip	Zip code. Search by zip code. Example: 95050, us. Please note that if the country is not specified, the search uses USA as a	
string (query)	zip	
units string	Units. Example: imperial Possible values: standard , metric , and imperial . When you do not use the unit imperial	
(query)	прота	
lang	Language. Example: en. You can use lang parameter to get the output in your language. We support the following languages	
string	Bulgarian - bg ,Catalan - ca ,Czech - cz ,German - de ,Greek - el ,English - en ,Persian (Farsi) - fa ,Fi Hungarian - hu ,Italian - it ,Japanese - ja ,Korean - kr ,Latvian - la ,Lithuanian - lt ,Macedonian - mk	
(query)	${\sf Russian-ru} \ , {\sf Swedish-se} \ , {\sf Slovak-sk} \ , {\sf Slovenian-sl} \ , {\sf Spanish-es} \ , {\sf Turkish-tr} \ , {\sf Ukrainian-ua} \ , {\sf Viet} \ , {\sf Ukrainian-ua} \ , {\sf $	
	zh_tw .	
mode	Mode. Example: html. Determines the format of the response. Possible values are xml and html . If the mode parameter	
mode	ison Solution Sol	
(query)		
API	Write there your API key from OpenWeatherMap	
string (query)	65cc3d7af05e58d0d6aed73242c949f8	
(45)		
Request URL	t: application/json' 1. openweathermap.org/data/2.5/weather?q=London&units=imperial⟨=en&mode=json&API=65cc3d7af05e58d0d6aed73242c949f8	
Server respon		
	Details Estimate factor	
	Failed to fetch. Possible Reasons:	
	CORS Network Failure URL scheme must be "http" or "https" for CORS request.	
Posn	Unit sometime must be intip or mitps for COMS request.	
Responses	Description	Links
200	Successful response	No link
200	Mada typa	INO IINK
	application/json Controls Accept hoader.	
	Example Value Schema	
	{ "coord": {	
	"lon": 145.77, "lat": -16.92	
	}, "weather": [-{	
	"id": 903, "main": "Clouds",	
	"description": "broken clouds", "icon": "04n"	
	} } Paret "as station"	
	"base": "cmc stations", "main": ("temp": 293.25,	
	"pressure": 1819, "humidity": 83,	
	"temp_min": 289.82, "temp_max": 295.37,	
	"sea_level": 984, "grnd_level": 990	
404	Not found response	No link
	Not found response	
	Next your Espuise Lext/plain	





```
Листинг

Hoмер 7

{
    "coord": {
        "lon": 145.77,
        "lat": -16.92
    },
    "weather": [
        {
            "id": 803,
            "main": "Clouds",
            "description": "broken clouds",
            "icon": "04n"
        }
    ],
    "base": "cmc stations",
    "main": {
```

```
"temp": 293.25,
 "pressure": 1019,
 "humidity": 83,
 "temp_min": 289.82,
 "temp_max": 295.37,
 "sea_level": 984,
 "grnd_level": 990
},
"visibility": 16093,
"wind": {
 "speed": 5.1,
 "deg": 150
},
"clouds": {
 "all": 75
},
"rain": {
 "3h": 3
},
"snow": {
 "3h": 6
"dt": 1435658272,
"sys": {
 "type": 1,
 "id": 8166,
 "message": 0.0166,
 "country": "AU",
 "sunrise": 1435610796,
 "sunset": 1435650870
},
"id": 2172797,
"name": "Cairns",
```

```
"cod": 200
}
Номер 6
openapi: "3.0.2"
info:
title: "OpenWeatherMap API"
 description: "Get the current weather, daily forecast for 16 days, and a three-hour-interval forecast for
5 days for your city. Helpful stats, graphics, and this day in history charts are available for your
reference. Interactive maps show precipitation, clouds, pressure, wind around your location stations.
Data is available in JSON, XML, or HTML format. **Note**: This sample Swagger file covers the `current`
endpoint only from the OpenWeatherMap API. <br/>
<br/>
**Note**: All parameters are optional, but
you must select at least one parameter. Calling the API by city ID (using the `id` parameter) will provide
the most precise location results."
 version: "2.5"
 termsOfService: "https://openweathermap.org/terms"
 contact:
  name: "OpenWeatherMap API"
  url: "https://openweathermap.org/api"
  email: "notsayed@gmail.com"
 license:
  name: "CC Attribution-ShareAlike 4.0 (CC BY-SA 4.0)"
  url: "https://openweathermap.org/price"
servers:
- url: "https://api.openweathermap.org/data/2.5/"
externalDocs:
 description: API Documentation
 url: https://openweathermap.org/api
paths:
 /weather:
```

get:

tags:

- Current Weather Data

summary: "Call current weather data for one location"

description: "Access current weather data for any location on Earth including over 200,000 cities! Current weather is frequently updated based on global models and data from more than 40,000 weather stations."

```
operationId: CurrentWeatherData
parameters:
- $ref: '#/components/parameters/q'
- $ref: '#/components/parameters/id'
- $ref: '#/components/parameters/lat'
- $ref: '#/components/parameters/lon'
- $ref: '#/components/parameters/zip'
 - $ref: '#/components/parameters/units'
 - $ref: '#/components/parameters/lang'
 - $ref: '#/components/parameters/mode'
 - $ref: '#/components/parameters/api'
responses:
 200:
  description: Successful response
  content:
   application/json:
    schema:
     $ref: '#/components/schemas/200'
 404:
  description: Not found response
  content:
   text/plain:
    schema:
     title: Weather not found
     type: string
     example: Not found
```

components:

```
parameters:
  q:
   name: q
   in: query
   description: "**City name**. *Example: London*. You can call by city name, or by city name and
country code. The API responds with a list of results that match a searching word. For the query value,
type the city name and optionally the country code divided by a comma; use ISO 3166 country codes."
   schema:
    type: string
  id:
   name: id
   in: query
   description: "**City ID**. *Example: `2172797`*. You can call by city ID. The API responds with the
exact result. The List of city IDs can be downloaded [here](http://bulk.openweathermap.org/sample/).
You can include multiple cities in this parameter — just separate them by commas. The limit of
locations is 20. *Note: A single ID counts as a one API call. So, if you have city IDs, it's treated as 3 API
calls.*"
   schema:
    type: string
  lat:
   name: lat
   in: query
   description: "**Latitude**. *Example: 35*. The latitude coordinate of the location of your interest.
Must use with 'lon'."
   schema:
    type: string
  lon:
   name: lon
   in: query
   description: "**Longitude**. *Example: 139*. Longitude coordinate of the location of your interest.
Must use with 'lat'."
   schema:
```

```
type: string
  zip:
   name: zip
   in: query
   description: "**Zip code**. Search by zip code. *Example: 95050,us*. Please note that if the country
is not specified, the search uses USA as a default."
   schema:
    type: string
  units:
   name: units
   in: query
   description: '**Units**. *Example: imperial*. Possible values: `standard`, `metric`, and `imperial`.
When you do not use the 'units' parameter, the format is 'standard' by default.'
   schema:
    type: string
    enum: [standard, metric, imperial]
    default: "imperial"
  lang:
   name: lang
   in: query
   description: '**Language**. *Example: en*. You can use lang parameter to get the output in your
language. We support the following languages that you can use with the corresponded lang values:
Arabic - `ar`, Bulgarian - `bg`, Catalan - `ca`, Czech - `cz`, German - `de`, Greek - `el`, English - `en`, Persian
(Farsi) - `fa`, Finnish - `fi`, French - `fr`, Galician - `gl`, Croatian - `hr`, Hungarian - `hu`, Italian - `it`,
Japanese - `ja`, Korean - `kr`, Latvian - `la`, Lithuanian - `lt`, Macedonian - `mk`, Dutch - `nl`, Polish - `pl`,
Portuguese - `pt`, Romanian - `ro`, Russian - `ru`, Swedish - `se`, Slovak - `sk`, Slovenian - `sl`, Spanish -
`es`, Turkish - `tr`, Ukrainian - `ua`, Vietnamese - `vi`, Chinese Simplified - `zh_cn`, Chinese Traditional -
`zh_tw`.'
   schema:
    type: string
    enum: [ar, bg, ca, cz, de, el, en, fa, fi, fr, gl, hr, hu, it, ja, kr, la, lt, mk, nl, pl, pt, ro, ru, se, sk, sl, es, tr,
ua, vi, zh_cn, zh_tw]
     default: "en"
```

```
mode:
   name: mode
   in: query
   description: "**Mode**. *Example: html*. Determines the format of the response. Possible values
are 'xml' and 'html'. If the mode parameter is empty, the format is 'json' by default."
   schema:
    type: string
    enum: [json, xml, html]
    default: "json"
  api:
   name: API
   in: query
   description: "Write there your `API key` from OpenWeatherMap"
   schema:
    type: string
 schemas:
  200:
   title: Successful response
   type: object
   properties:
    coord:
     $ref: '#/components/schemas/Coord'
    weather:
     type: array
     items:
      $ref: '#/components/schemas/Weather'
     description: (more info Weather condition codes)
    base:
     type: string
     description: Internal parameter
     example: cmc stations
```

main: \$ref: '#/components/schemas/Main' visibility: type: integer description: Visibility, meter example: 16093 wind: \$ref: '#/components/schemas/Wind' clouds: \$ref: '#/components/schemas/Clouds' rain: \$ref: '#/components/schemas/Rain' snow: \$ref: '#/components/schemas/Snow' dt: type: integer description: Time of data calculation, unix, UTC format: int32 example: 1435658272 sys: \$ref: '#/components/schemas/Sys' id: type: integer description: City ID format: int32 example: 2172797 name: type: string example: Cairns cod: type: integer description: Internal parameter

format: int32

```
example: 200
Coord:
title: Coord
type: object
properties:
  lon:
   type: number
   description: City geo location, longitude
   example: 145.77000000000001
  lat:
   type: number
   description: City geo location, latitude
   example: -16.920000000000002
Weather:
title: Weather
type: object
properties:
  id:
   type: integer
   description: Weather condition id
   format: int32
   example: 803
  main:
   type: string
   description: Group of weather parameters (Rain, Snow, Extreme etc.)
   example: Clouds
  description:
   type: string
   description: Weather condition within the group
   example: broken clouds
  icon:
   type: string
   description: Weather icon id
```

```
example: 04n
  Main:
   title: Main
   type: object
   properties:
    temp:
     type: number
     description: 'Temperature. Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit.'
     example: 293.25
    pressure:
     type: integer
     description: Atmospheric pressure (on the sea level, if there is no sea_level or grnd_level data),
hPa
     format: int32
     example: 1019
    humidity:
     type: integer
     description: Humidity, %
     format: int32
     example: 83
    temp_min:
     type: number
     description: 'Minimum temperature at the moment. This is deviation from current temp that is
possible for large cities and megalopolises geographically expanded (use these parameter optionally).
Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit.'
     example: 289.8199999999999
    temp_max:
     type: number
     description: 'Maximum temperature at the moment. This is deviation from current temp that is
possible for large cities and megalopolises geographically expanded (use these parameter optionally).
Unit Default: Kelvin, Metric: Celsius, Imperial: Fahrenheit.'
     example: 295.37
    sea_level:
     type: number
```

```
description: Atmospheric pressure on the sea level, hPa
   example: 984
  grnd_level:
   type: number
   description: Atmospheric pressure on the ground level, hPa
   example: 990
Wind:
title: Wind
type: object
properties:
  speed:
   type: number
   description: 'Wind speed. Unit Default: meter/sec, Metric: meter/sec, Imperial: miles/hour.'
   example: 5.09999999999996
  deg:
   type: integer
   description: Wind direction, degrees (meteorological)
   format: int32
   example: 150
Clouds:
title: Clouds
type: object
properties:
  all:
   type: integer
   description: Cloudiness, %
   format: int32
   example: 75
Rain:
title: Rain
type: object
properties:
  3h:
```

```
type: integer
   description: Rain volume for the last 3 hours
   format: int32
   example: 3
Snow:
 title: Snow
 type: object
 properties:
  3h:
   type: number
   description: Snow volume for the last 3 hours
   example: 6
Sys:
 title: Sys
 type: object
 properties:
  type:
   type: integer
   description: Internal parameter
   format: int32
   example: 1
  id:
   type: integer
   description: Internal parameter
   format: int32
   example: 8166
  message:
   type: number
   description: Internal parameter
   example: 0.0166
  country:
   type: string
   description: Country code (GB, JP etc.)
```

example: AU sunrise: type: integer description: Sunrise time, unix, UTC format: int32 example: 1435610796 sunset: type: integer description: Sunset time, unix, UTC format: int32 example: 1435650870 securitySchemes: app_id: type: apiKey description: API key to authorize requests. If you don't have an OpenWeatherMap API key, use `fd4698c940c6d1da602a70ac34f0b147`. name: appid in: query