

API PROYECTO CONJUNTO

```
server.py x
1  | Group B api server @jalex-yestera
2  import os, sys
3  from flask import Flask, render_template, redirect, request, jsonify
4  import json
5
6  # -----
7  # $$$$$$ FLASK $$$$$$
8  # -----
9  app = Flask(__name__) # init
10 @app.route("/") # Default path
11 def default():
12     # Redirect
13     return '''<h1> Api del grupo B</h1> <p> Añadir get_token?id= para conseguir el token, get_json?id= para el json</p>'''
14
15 @app.route("/get_token", methods = ['GET'])
16 def get_token():
17     clave = None
18     yeison = {"token": "B23866390994081818446940"}
19     if 'id' in request.args:
20         clave = str(request.args['id'])
21         if clave == 'B145':
22             return yeison['token']
23     else:
24         return "Error al introducir la clave. Prueba con B145"
25
26 @app.route("/get_json", methods = ['GET'])
27 def get_json():
28     token = None
29     # Get the settings fullpath
30     settings_file = os.path.dirname(__file__) + "\\d_averages.json"
31     # Load json from file
32     with open(settings_file, "r") as json_file_readed:
33         jason = json.load(json_file_readed)
34     if 'id' in request.args:
35         token = str(request.args['id'])
36     if token == 'B23866390994081818446940':
37         return jason
38
39
41 # -----
42 # $$$$$$ MAIN $$$$$$
43 # -----
44
45 def main():
46
47     print("STARTING PROCESS")
48     print(os.path.dirname(__file__))
49
50     # Get the settings fullpath
51     settings_file = os.path.dirname(__file__) + "\\settings.json"
52     # Load json from file
53     with open(settings_file, "r") as json_file_readed:
54         json_readed = json.load(json_file_readed)
55
56     # Load variables from jsons
57     SERVER_RUNNING = json_readed["server_running"]
58
59     if SERVER_RUNNING:
60         DEBUG = json_readed["debug"]
61         HOST = json_readed["host"]
62         PORT_NUM = json_readed["port"]
63         app.run(debug=DEBUG, host=HOST, port=PORT_NUM)
64     else:
65         print("Server settings.json doesn't allow to start server. " +
66             "Please, allow it to run it.")
67
68 if __name__ == "__main__":
69     main()
70
```