Script Python Mapquest

Cristian Mendez

20.828.658-7

Redes Avanzadas 1

import urllib.parse

import requests

main\_api = "https://www.mapquestapi.com/directions/v2/route?"

key = "kbDeUETv26LHbSiMy9rkQGDjXJlq3z81"

while True:

orig = input("Ciudad de Origen: ")

if orig == "Salir" or orig == "s":

break

dest = input("Ciudad de Destino: ")

if orig == "Salir" or orig == "s":

break

url = main\_api + urllib.parse.urlencode({"key" :key, "from" :orig, "to" :dest})

json\_data = requests.get(url).json()

print("URL: " + (url))

json\_status = json\_data ["info"] ["statuscode"]

if json\_status == 0:

print("API Status: " + str(json\_status) + " = A successful route call.\n")

print("=============================================")

print("Ubicacion de Origen " + (orig) + " Ubicacion de Destino " + (dest))

print("Tiempo Estimado De Viaje: " + (json\_data["route"]["formattedTime"]))

print("Kilometros: " + str("{:.2f}".format((json\_data["route"]["distance"])\*1.61)))

print("=============================================")

for each in json\_data["route"]["legs"][0]["maneuvers"]:

print((each["narrative"]) + " (" + str("{:.2f}".format((each["distance"])\*1.61) + " km)"))

print("=============================================\n")