Python Server

#!/usr/bin/env python

import socket

import MySQLdb

TCP\_IP = '192.168.1.140'

TCP\_PORT = 32000

BUFFER\_SIZE = 40

# ClearDB. Deletes the entire tracking table

def ClearDB(curs,d ):

curs.execute ("""

INSERT INTO gmaptracker (lat, lon)

VALUES (0.0,0.0)""")

d.commit()

# Connect to the mySQL Database

def tServer():

try:

db = MySQLdb.connect (host = "your\_host",

user = "your\_user",

passwd = "your\_password",

db = "gmap" )

except MySQLdb.Error, e:

print "Error %d: %s" %(e.args[0], e.args[1])

sys.exit(1);

cursor = db.cursor()

# Start with a fresh tracking table

ClearDB(cursor,db)

# Set up listening Socket

try:

s = socket.socket(socket.AF\_INET, socket.SOCK\_STREAM)

s.setsockopt(socket.SOL\_SOCKET, socket.SO\_REUSEADDR, 1)

s.bind((TCP\_IP, TCP\_PORT))

print "Listening...."

s.listen(1)

conn, addr = s.accept()

print 'Accepted connection from address:', addr

except socket.error:

if s:

s.close()

print "Could not open socket: "

cursor.close()

conn.close()

db.close()

sys.exit(1)

try:

while 1:

data = conn.recv(BUFFER\_SIZE)

str1,str2 = data.split("Long: ")

str1 = str1.split("Lat: ")[1]

latitude = float(str1)

longitude = float(str2)

cursor.execute ("""

INSERT INTO gmaptracker (lat, lon)

VALUES (%s,%s)""", (latitude,longitude))

db.commit()

except KeyboardInterrupt:

ClearDB(cursor,db);

cursor.close()

conn.close()

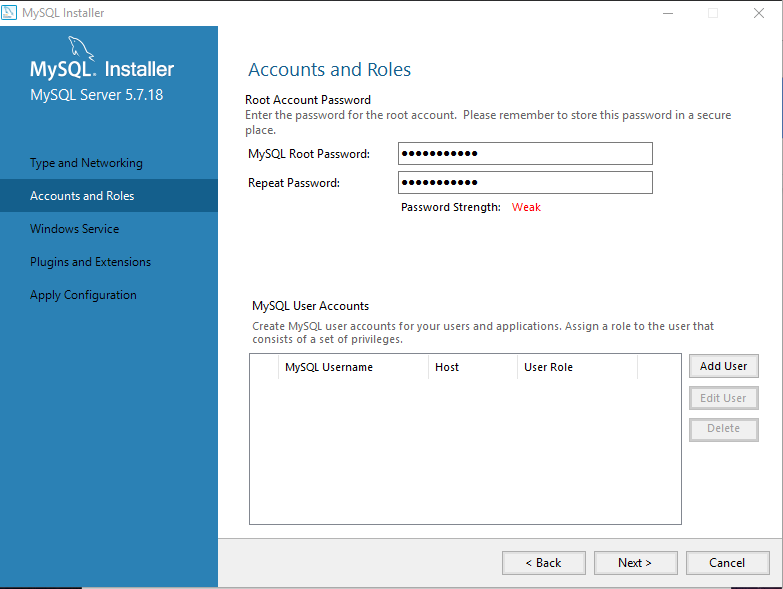
db.close()

if \_\_name\_\_ == '\_\_main\_\_':

tServer()

MySql - port 3306

Root password - gabbywerner



CREATE TABLE gmaptracker (

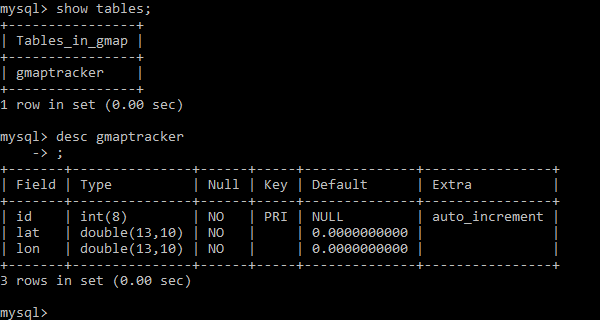
> id int(8) NOT NULL auto\_increment,

-> lat double(13,10) NOT NULL default 0.0000000000,

-> lon double(13,10) NOT NULL default 0.0000000000,

-> PRIMARY KEY (id)

-> ) ENGINE=InnoDB;



Plone

Username - Horger

Password - gabbywerner

Plone user - Indego Operator

Password - test

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Real Time GPRS based GPS Tracker</title>

<style>

#map {

height: 1080px;

width: 100%;

margin-top: 0px; margin-right: 0px; margin-left: 0px; margin-bottom: 0px

}

</style>

</head>

<body>

<div id="map"></div>

<script>

function initMap() {

var Drexel = {lat:39.953996, lng:-75.186906};

var map = new google.maps.Map(document.getElementById('map'), {

zoom: 18,

center: Drexel

});

var marker = new google.maps.Marker({

position: Drexel,

map: map

});

}

</script>

<script async defer

src="https://maps.googleapis.com/maps/api/js?key=AIzaSyC7A29IRM6d1PVBXupH4B8HGkS6wZs6o9A&callback=initMap">

</script>

</body>

</html>

<!-- code for database once established

var request = GXmlHttp.create();

request.open("GET", "data.xml", true);

request.onreadystatechange = function() {

if (request.readyState == 4) {

var xmlDoc = request.responseXML;

var markers = xmlDoc.documentElement.getElementsByTagName("marker");

for (var i = 0; i &lt; markers.length; i++) {

var point = new

GPoint(parseFloat(markers[i].getAttribute("lng")),

parseFloat(markers[i].getAttribute("lat")));

var marker = new GMarker(point);

map.clearOverlays();

map.addOverlay(marker);

map.centerAtLatLng(point);

}

}

}

request.send(null);

window.setTimeout(function(){reloadMap(map)},1000);

}

//-->