Clubroot Tracker Tutorial

Download Github Repository

Start by downloading the github repository using the following link or via command line.

Download Zip file:

<https://github.com/kevmu/ClubrootTracker/archive/master.zip>

Command line using git command:

git clone <https://github.com/kevmu/ClubrootTracker.git>

Installation of AMPPS (Windows, MacOSX and Linux Website Stacks) for webpage service.

Tutorials on how to install AMPPS can be found here. Installation and configuration of a website is beyond the scope of this tutorial.

Windows:

<http://www.ampps.com/wiki/Install>

MacOSX:

<http://www.ampps.com/wiki/Installation_on_Mac>

Linux:

<http://www.ampps.com/wiki/Installing_AMPPS_on_Linux>

If you have access to a server that is already setup just place the contents of clubroottracker directory in your apache2 or web server directory. You should see the index page using the <http://localhost/index.php> URL.

Structure of input GPS coordinates file:

Make a comma separate values (CSV) file with the following;

Column 1: Province – The province of the location (e.g Alberta

Column 1: Location – The city/town of the location (e.g Edmonton)

Column 1: Latitude – The latitude coordinates of the location to be displayed on the map. Positive values correspond to degrees east and negative values correspond to degrees west. (e.g -113.4938)

Column 1: Longitude – The longitude coordinates of the location to be displayed on the map. Positive values correspond to degrees north and negative values correspond to degrees south. (e.g 53.5461)

Column 1: Pathogen Common Name – The common name of the pathogen location to be displayed (e.g Clubroot)

Column 1: Display – A message to display (e.g. Clubroot has been detected in this area. Please use extreme care to avoid spreading the pathogen and disease)

Run the generate\_geojson.py python script.

Added tracker\_geojson.js on 2020-01-28. This file is an example data file for the clubroot tracker application. The clubroot tracker parses this file for the locations and text to display