Xcode and Toolchain commands/info

Create kivy project

1.Go to kivy folder in terminal

2.toolchain create app2 ~/Documents/app2

GPS app kwargs looks like:

print only latitude::: 37.785834

print all kwargs::: {'lat': 37.785834, 'lon': -122.406417, 'speed': -1.0, 'bearing': -1.0, 'altitude': 0.0, 'accuracy': 5.0}

To allow app to access phone gps go to

App folder list on left of Xcode screen

>Resources

>[app name]-Info.plist

>Middle section of Xcode top row hit ‘+’ button and type:

Privacy - Location When In Use Usage Description

To the left of this key input the description for the prompt to the user for accessing GPS

Farmers Market App /Kivy /GPS Notes

Plyer has two main things to work with:

on\_gps\_location is called anytime phone receives a new gps location – can set how frequently you want that to happen.

On\_auth\_status – asks for permissions at start and allows user to change permission to app,

on\_zoom, on\_lat, on\_lon inherent functions

open\_gps\_access\_popup is Erik’s function

MapMarker class is Kivy I think and it seems t

HERE is a service that has a rest API map services for free. Send address and it will return a longitude and latitude for that address.

# Kivy garden

Repository of widgets made by users

Widgets are called flowers

Example: MapView is a flower from garden package

Garden.[widget name] are legacy flowers

New widgets just have name

## New flowers have a new way to install

python -m pip install kivy\_garden.graph --extra-index-url https**:**//kivy-garden.github.io/simple/

found here:

## Legacy flowers:

Install with a tool called garden – seems to be installed already because in my terminal I run :

which garden

I get the location regardless of my environment

If I don’t have it use

pip3 install kivy-garden

or

python3 -m pip install kivy-garden

## to install a specific flower use:

garden install mapview

this installs the mapview flower