

Traffic Modeling with Unity 3D

Isaiah Martinez
CSUN
Mathematics Department
isaiah.martinez.891@my.csun.edu

04/21/2024

Contents

1	Change History	2
2	Progress	2
3	Challenges	2

1 Change History

Version: 0.42

Modifier: Isaiah Martinez

Date: 4/21/24

Description of Change: Finished TomTom API using Python. Made Python Script accessible via Command line.

2 Progress

Where are we with design/implementation?

Full implementation of the Python Script that connects to the TomTom API and utilization of the Command Line interface to obtain image of a particular Longitude and Latitude with zoom and image style.

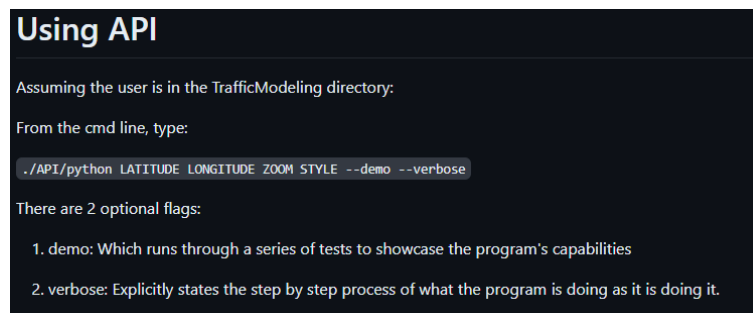


Figure 1: TomTom Conversion Function.

3 Challenges

What challenges have occurred for this week?

Learning how to implement a list of options as well as type checking in Python was a very weird process. Python works off of the Ostrich Algorithm which is really funny to see, but horrifying when trying to work with particular types.