Safetrain User Manual

Keeping trains safe since 2018

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1 Introduction

Safetrain™ provides a complete solution for automatically managing and maintaining transportation grids. It is tailored to model train routes but can also be used for shipping routes, commuter traffic, and many other transportation models. This user manual contains information for installing and interfacing with Safetrain™.

2 Installing Safetrain™

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Safetrain™ provides support for Windows, Macintosh, and Linux operating systems. However, this section will focus on installing Safetrain™ for Linux. To run it on Ubuntu or Debian, you will need Python3 and Pip3. If you do not have othese installed run

```
$ sudo apt install python3 pip3
```

You will also need the Tkinter library for Python3, which can be installed by running

```
$ pip3 install tkinter
```

3 Running Safetrain™

To run Safetrain™ change directory to the directory containing the source file `main.py`. Then, providing a text file containing train IDs and station IDs, run

```
$ python3 main.py textvals.txt
```