Install SUMO in Mac

Course AH2174/FAH3002 - Traffic Simulation Modeling and Applications
Project I Assignment Author: ZHIGUO ZHANG Date: 11.05.2022

- Tutorial Reference links

  Link1

  Link2

- Open terminal.app

- Install home brew

```
/bin/bash -c "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/master/install.sh)"
```

```
brew update
```

- Install xcode

```
xcode-select --install
```

```
clang --version
```

- install dependencies

```
brew install --cask xquartz
brew install xerces-c fox proj gdal gl2ps
```

```
brew install python swig eigen pygobject3 gtk+3 adwaita-icon-theme
```

- install SUMO

```
brew tap dlr-ts/sumo
brew install sumo
```

- Path

```
echo $SHELL
```

If the return is "/bin/zsh", then

```
open ~/.zshrc
```

otherwise,the return is "/bin/bash",then

```
open ~/.bashrc
```

Just insert the following new line at the end of the file:
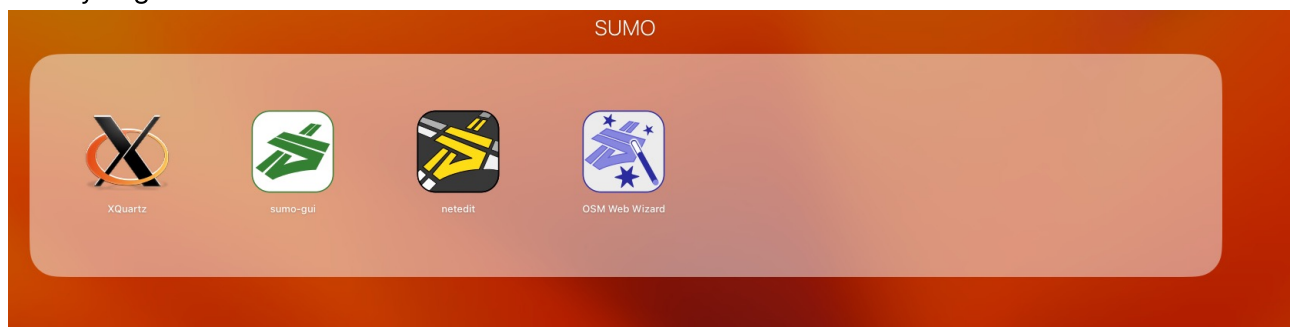
```
export SUMO_HOME=/your path to/sumo
```

you can get "your path to" in terminal after you have done the command "brew install sumo". For example,

```
export SUMO_HOME=/opt/homebrew/opt/sumo/share/sumo
```

- install SUMO launchers

  download from link

  Then you got

P.S. before open sumo-gui.app, make sure that the XQuartz is open or running in the background.