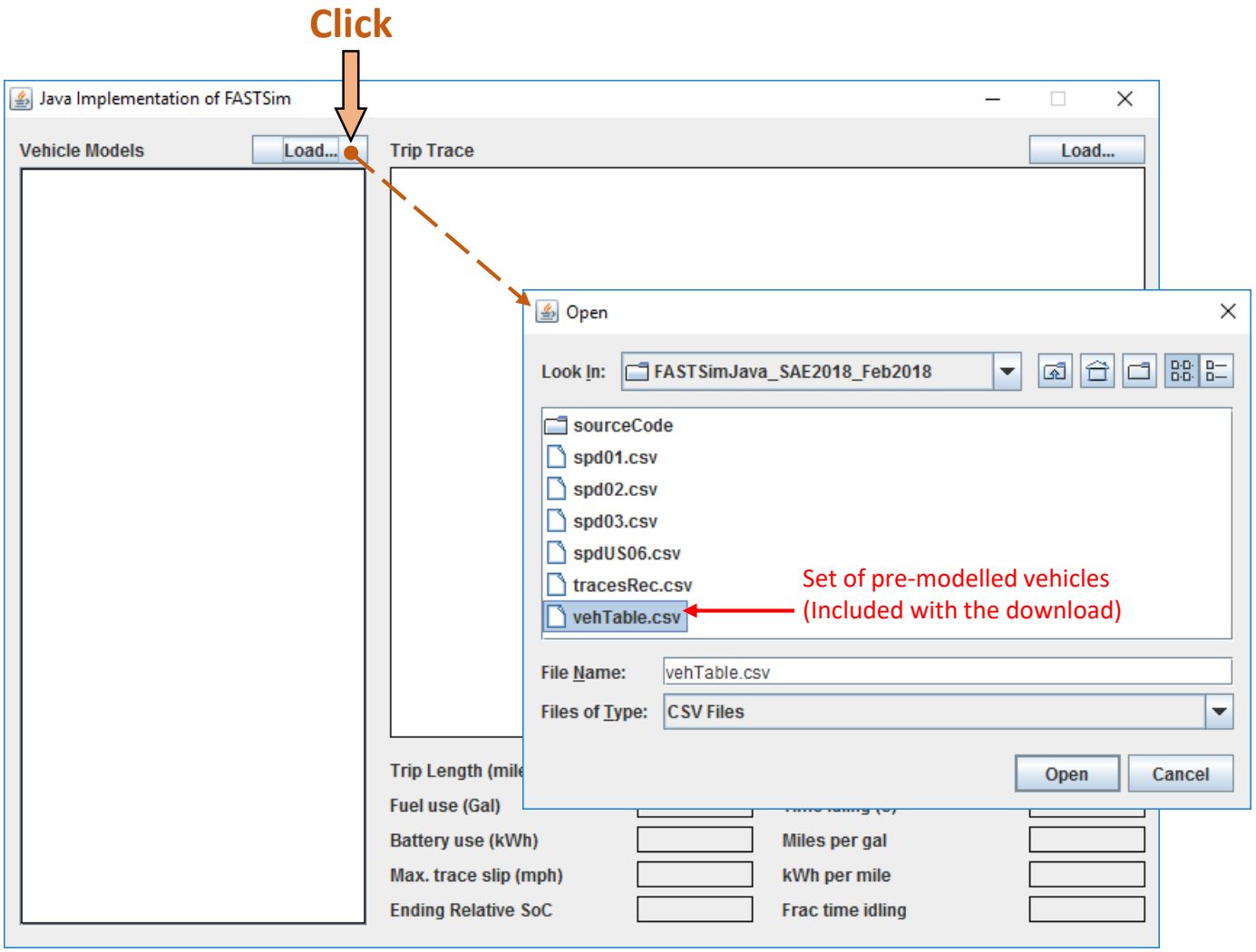
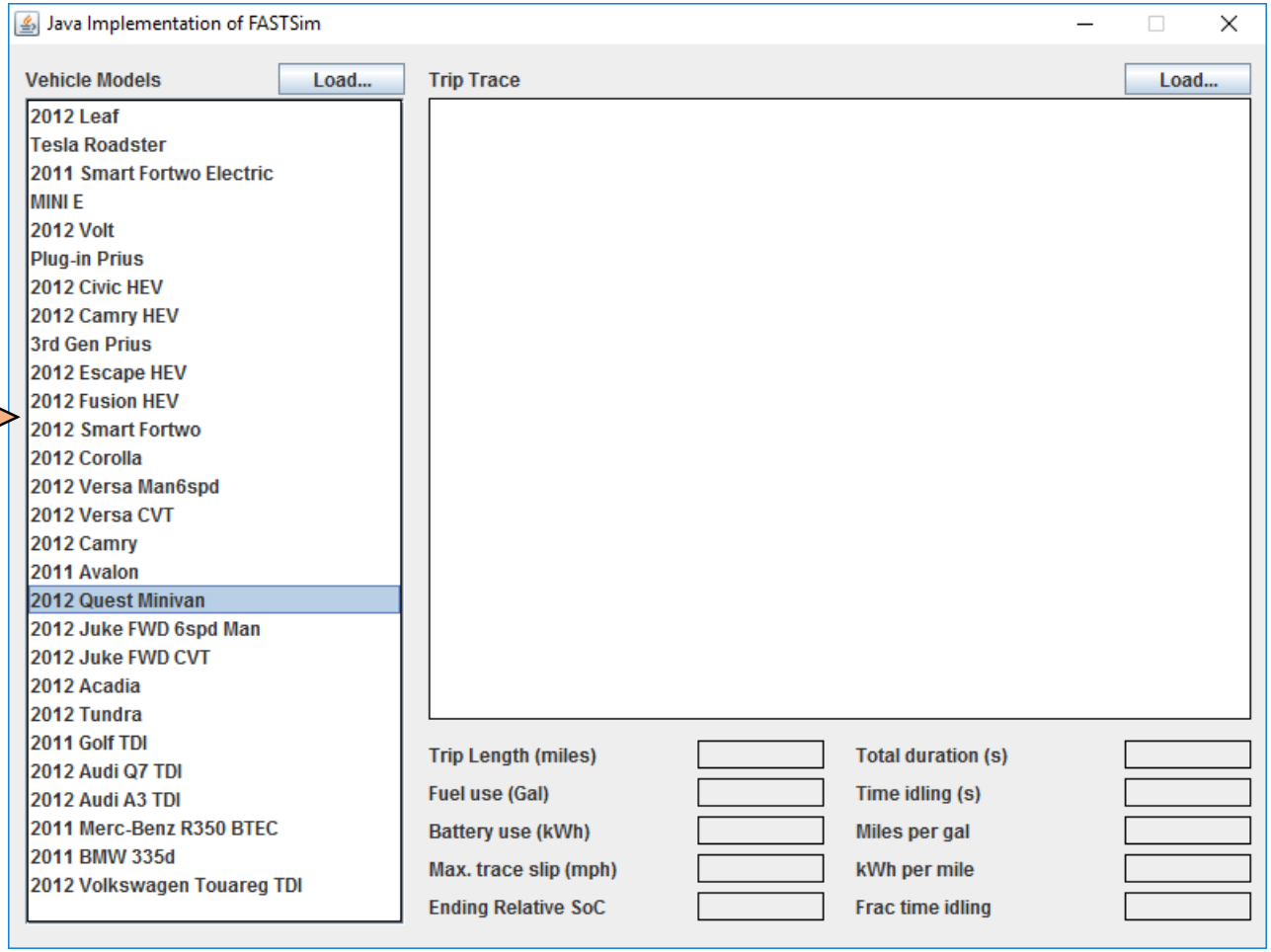
Step 1: Load Vehicle Models File

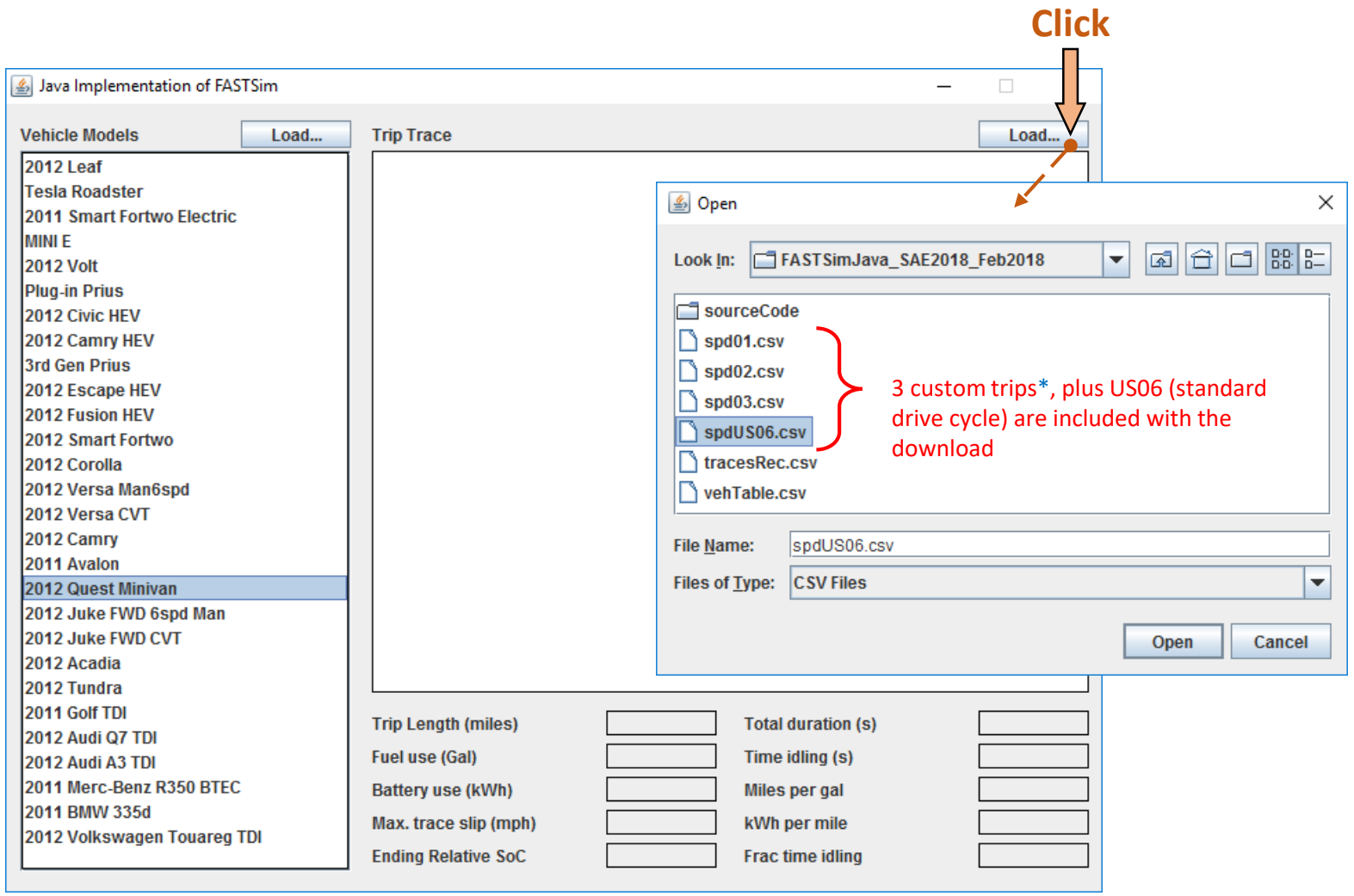


Step 2: Select Vehicle Model Of Interest

Click to select from list



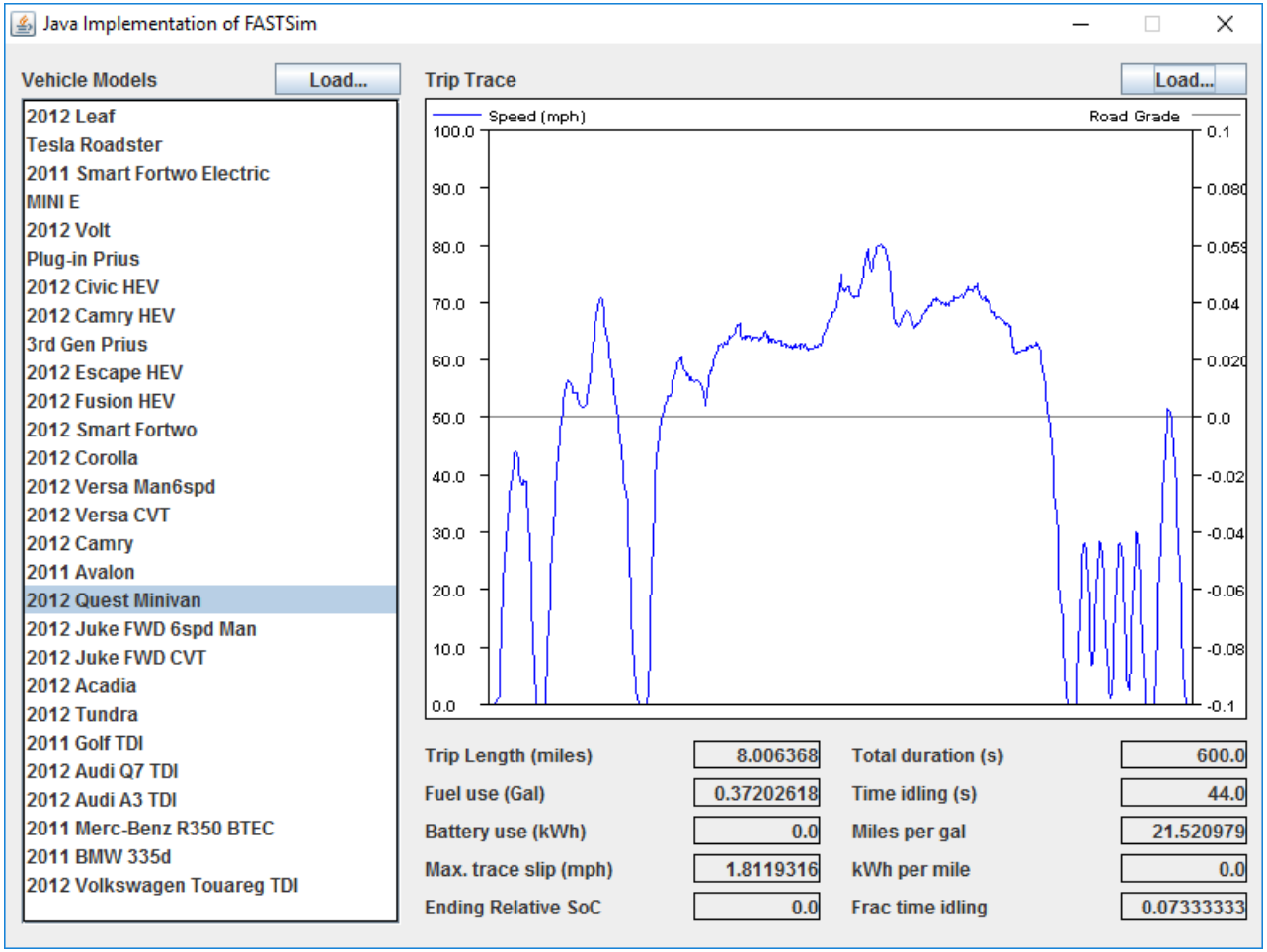
Step 3: Load a Trip Record



Notes:

- Trip files are comma separated text files with one, two or three columns of data
- Interpretation of the data in trip files depends on number of columns as follows:
  - Three-Columns: Time [s], Speed [mph], Road Grade = *tan*(road inclination angle)
  - Two-Columns: Speed [mph] & Road Grade, at constant intervals of 1s
  - One-Column: Speed[mph] at constant intervals of 1s, Zero Road Grade

Step 4: Examine Results



- Change selection of vehicle model to examine how a different vehicle would Perform for same trip
- Re-Load different trips to examine how a vehicle model performs differently across different trips
- In this GUI, plugin vehicles are assumed to start the trip with a full battery. More advanced options require re-compiling the source code and use of a special function that allows setting the initial SoC. See source code documentation for further details.