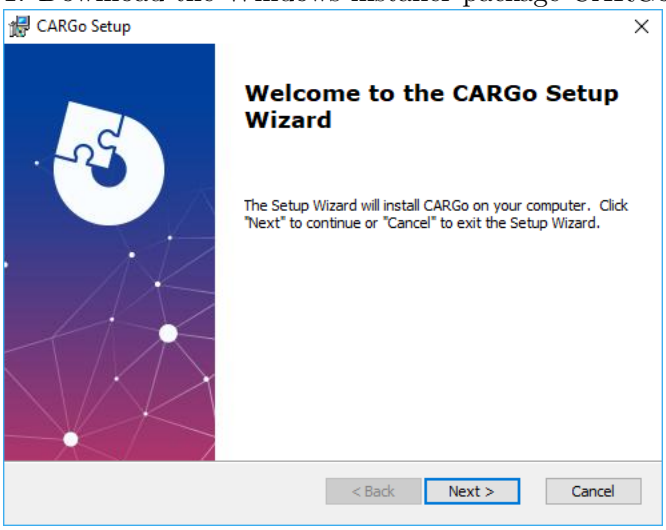
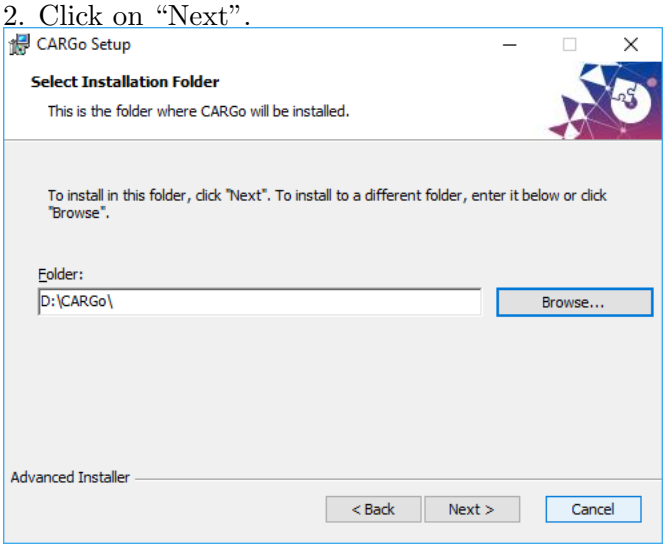
How to install the CARGo tool

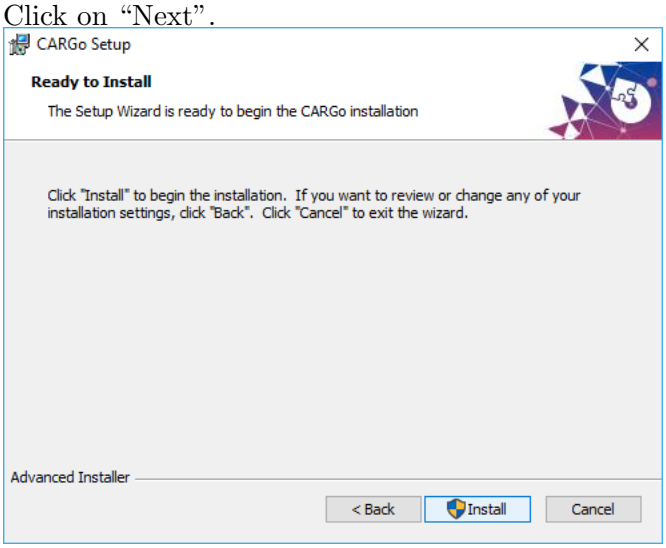
1. Download the Windows installer package CARGo.msi and double click on it. A new window will open.



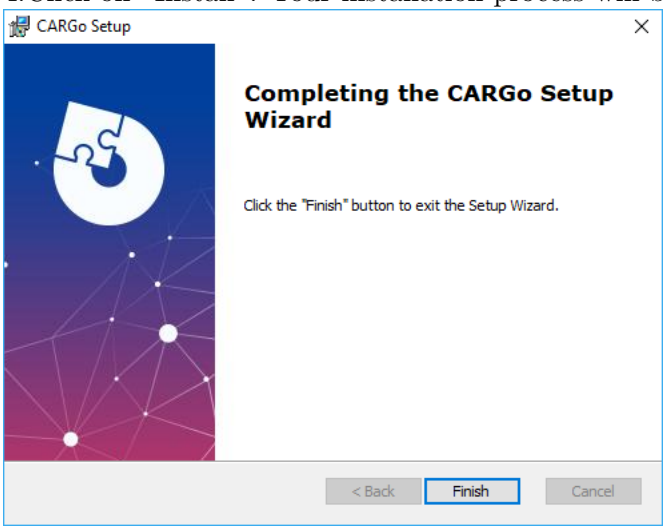
2. Click on “Next”.



3. Click on “Browse” and select the location you want to install the tool.
Do not select any drive or location that needs administrator permission for any kind of file operation.
Click on “Next”.



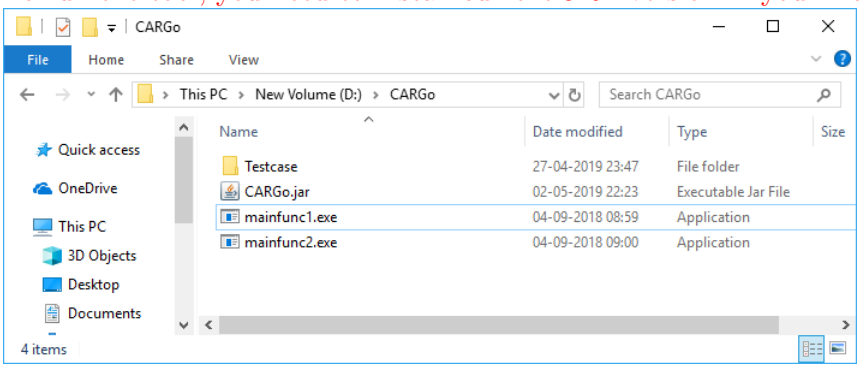
4.Click on “Install”. Your installation process will be completed in few minutes.



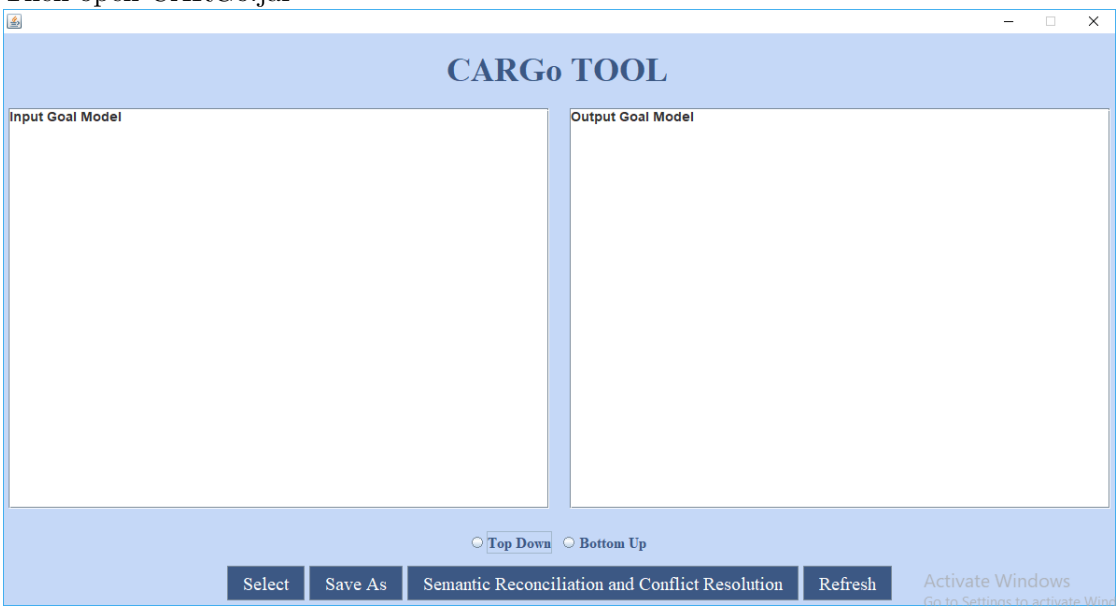
5.Click on “Finish”.

How to run the CARGo tool

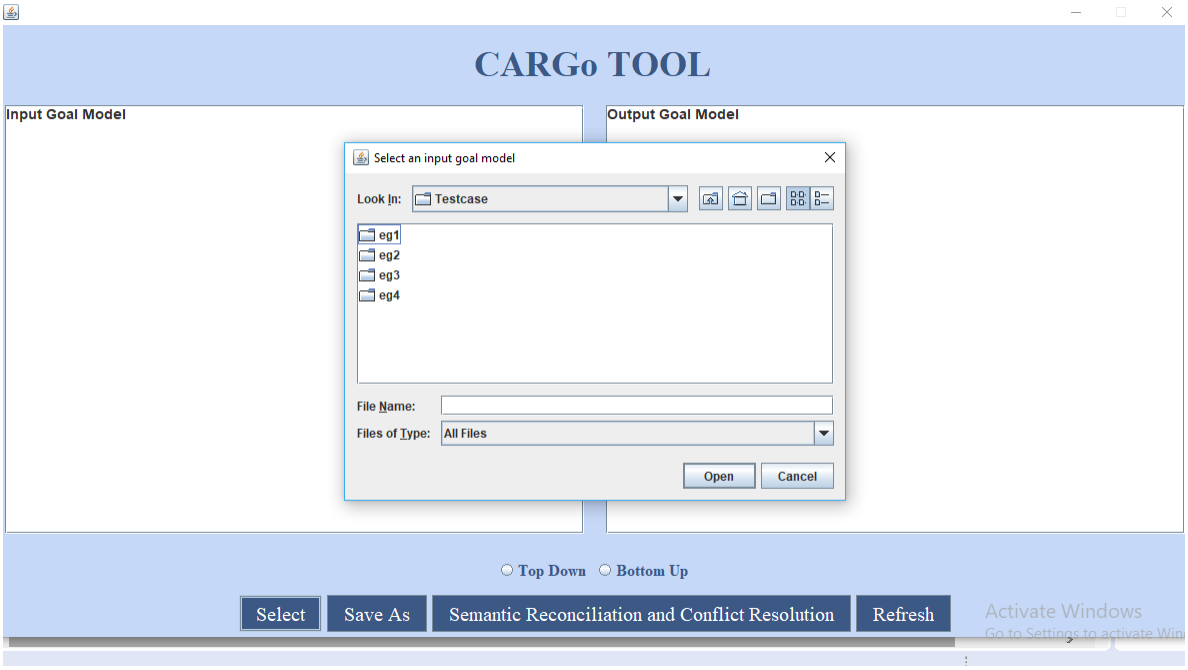
Open destination folder where you have installed the package. You will see there are one folder and three files. To run the tool, you need to install current JRE version in your machine.



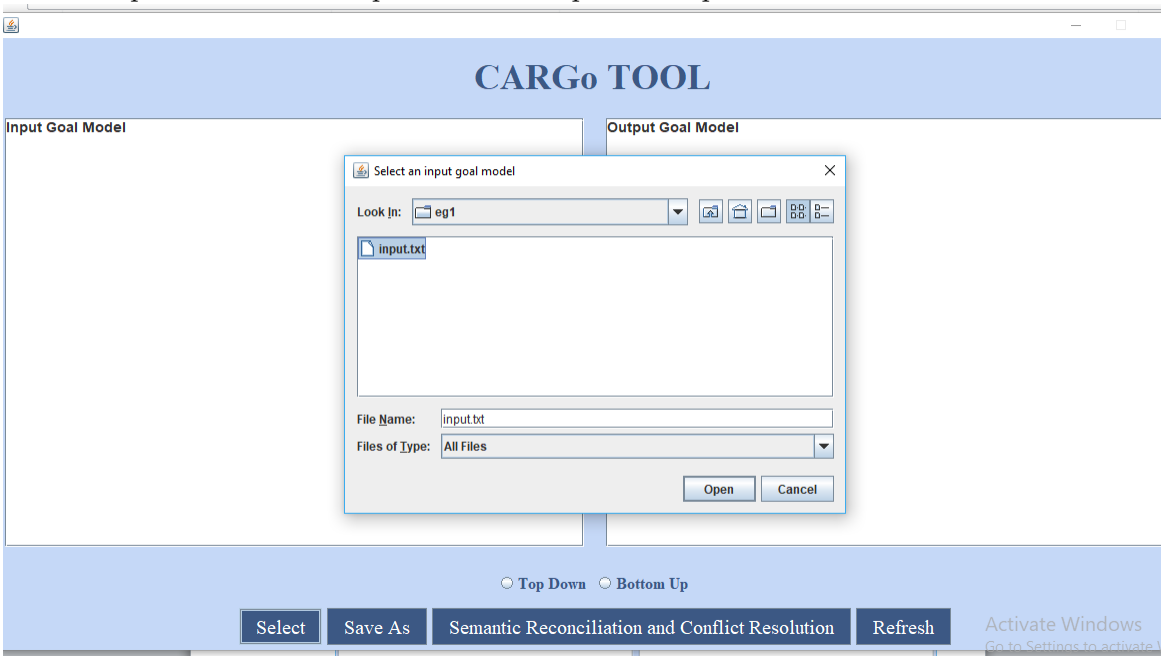
Then open CARGo.jar



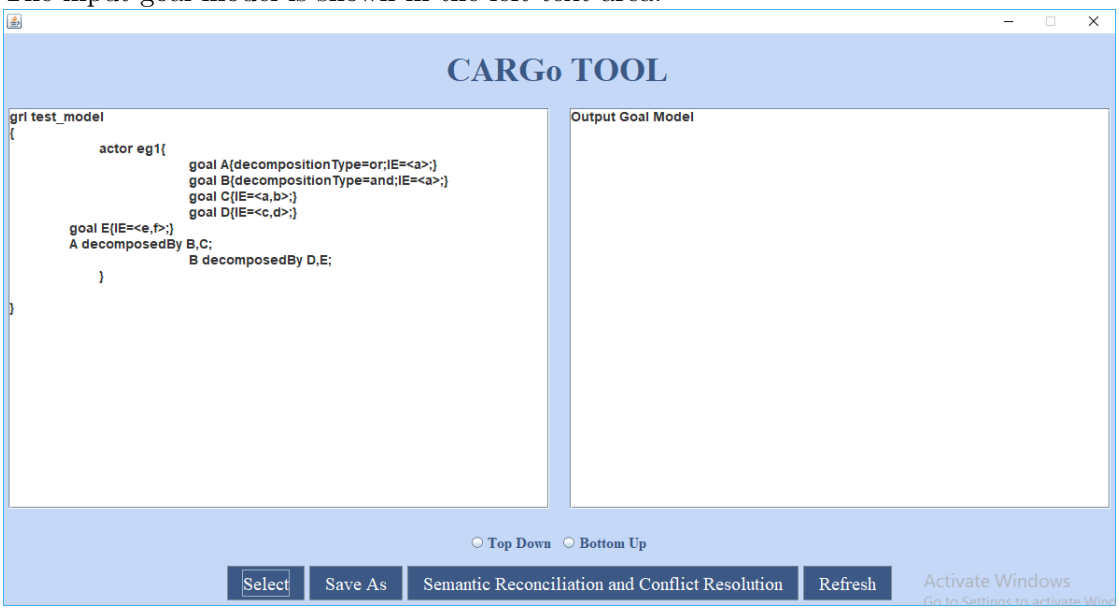
To select input file, click on select button. There are four example testcases given in the testcase folder with the tool.



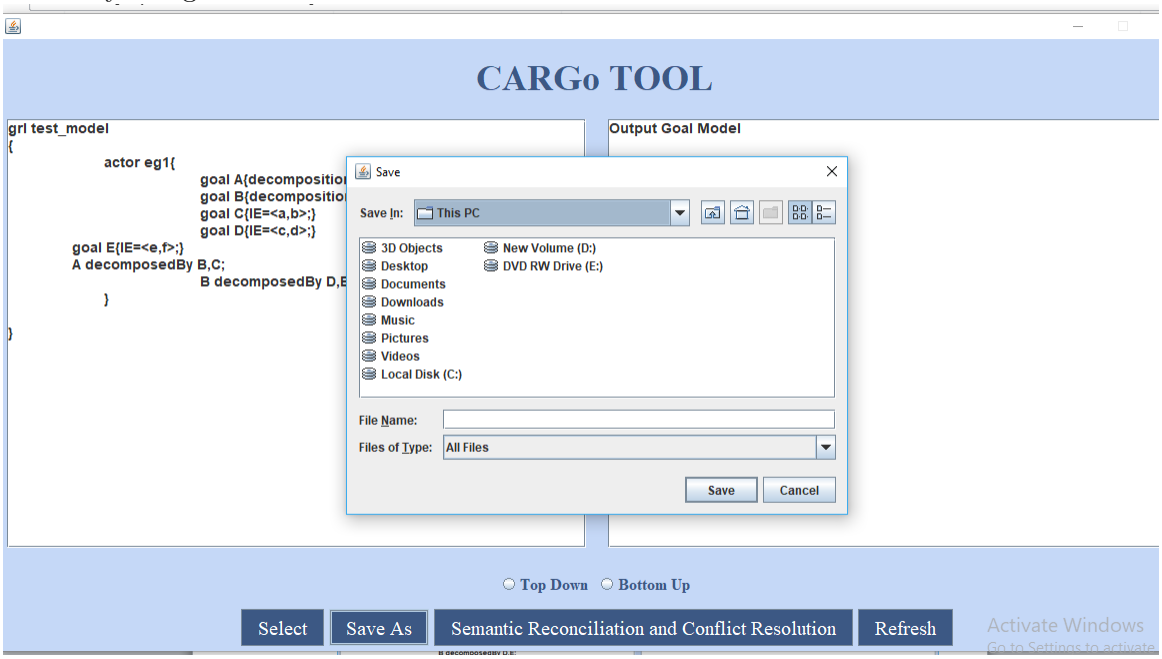
You can open one such example folder and open the input text file.



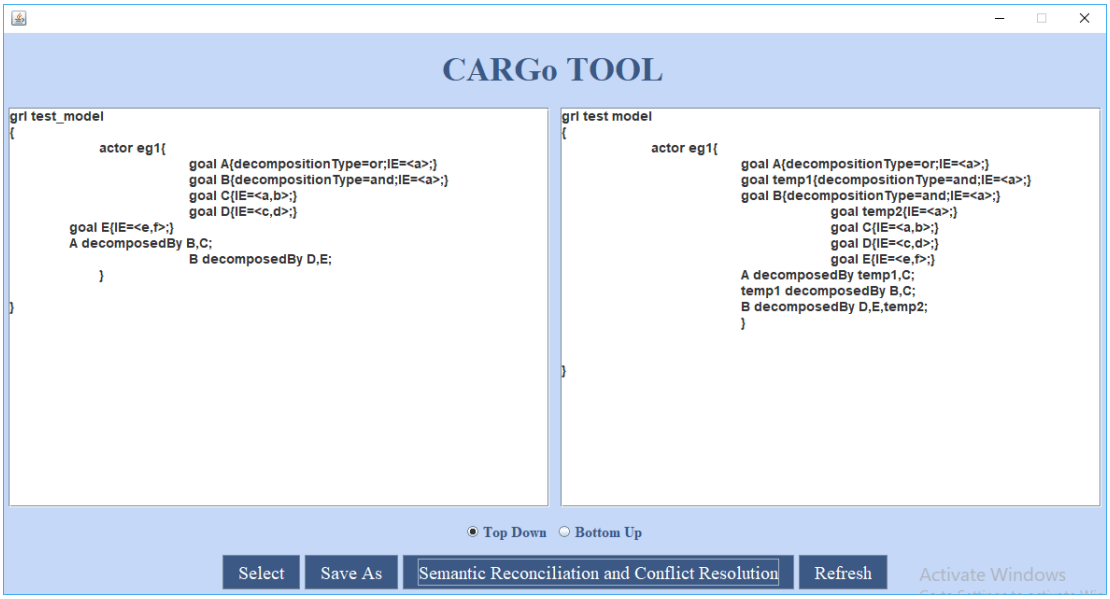
The input goal model is shown in the left text area.



You can modify the input goal model in the text area and save the modified goal model in your preferred location by using the "Save As" button.



Now if you are satisfied with the input goal model, then select either "Top-Down" or "Bottom-Up" option as your preference.
Then click on "Semantic reconciliation and Conflict resolution" , the output will be displayed in the right text area.



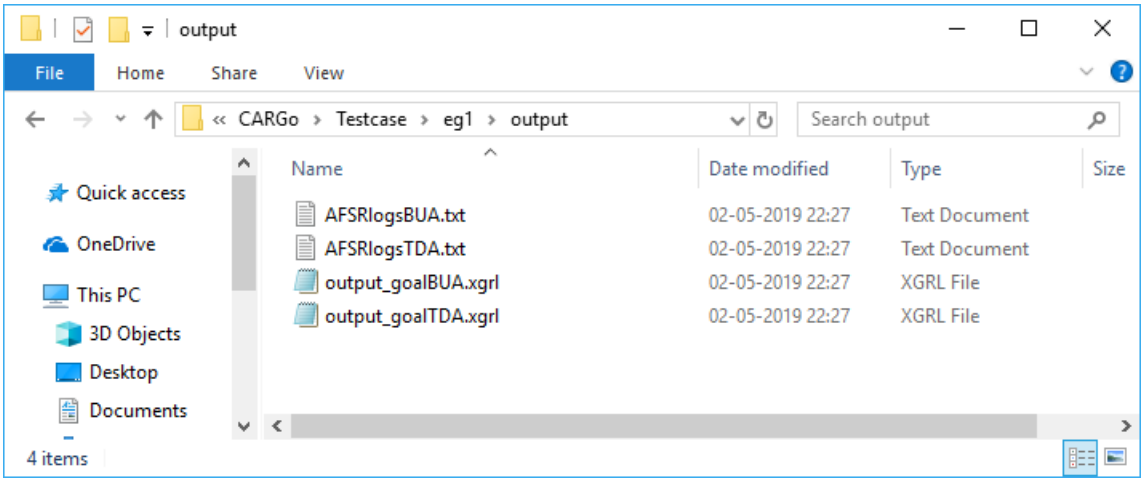
A folder named "output" will be created in the folder from where the input file was selected. This folder will contain at most four files:

AFSRlogsTDA.txt : This is created on the selection of Top-Down approach. This shows how the input goal model is modified step by step.

output_goalTDA.xgrl: This is created on the selection of Top-Down approach. This shows the output goal model.

AFSRlogsBUA.txt: This is created on the selection of Bottom-Up approach. This shows how the input goal model is modified step by step.

output_goalTDA.xgrl : This is created on the selection of Bottom-Up approach. This shows the output goal model.



You can select another goal model by using “Refresh” .