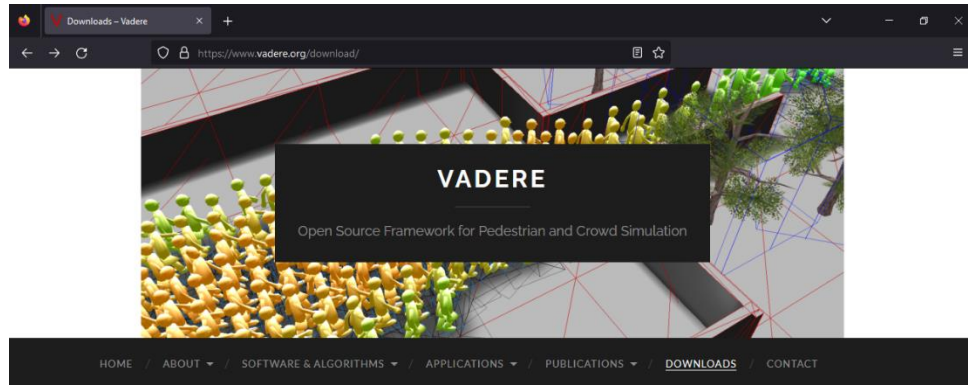


This is a quick “How To” on (a) downloading the Vadere source code, (b) compiling it with IntelliJ, and (c) creating a simple scenario.

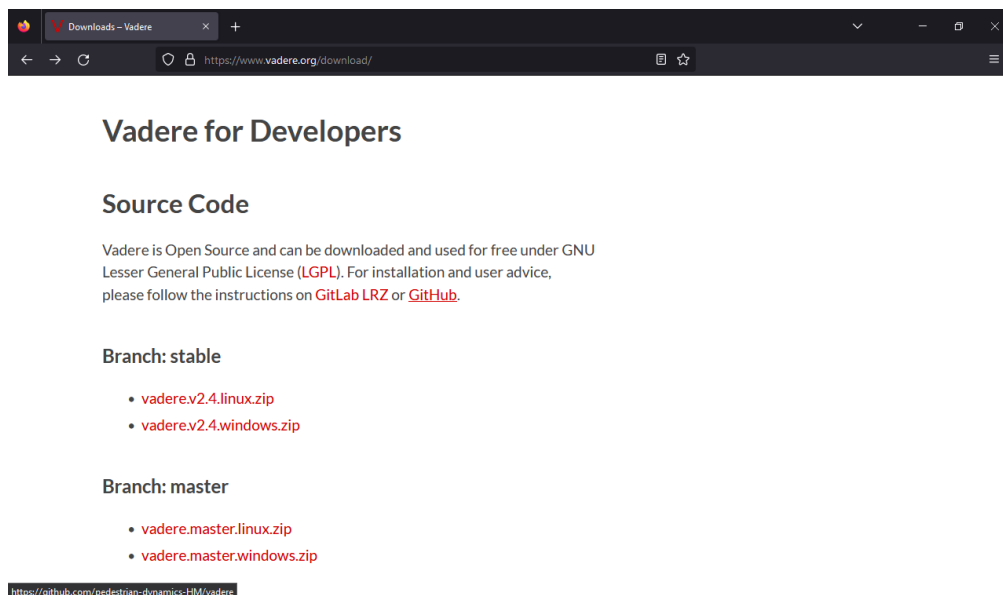
- 1) www.vadere.org/download



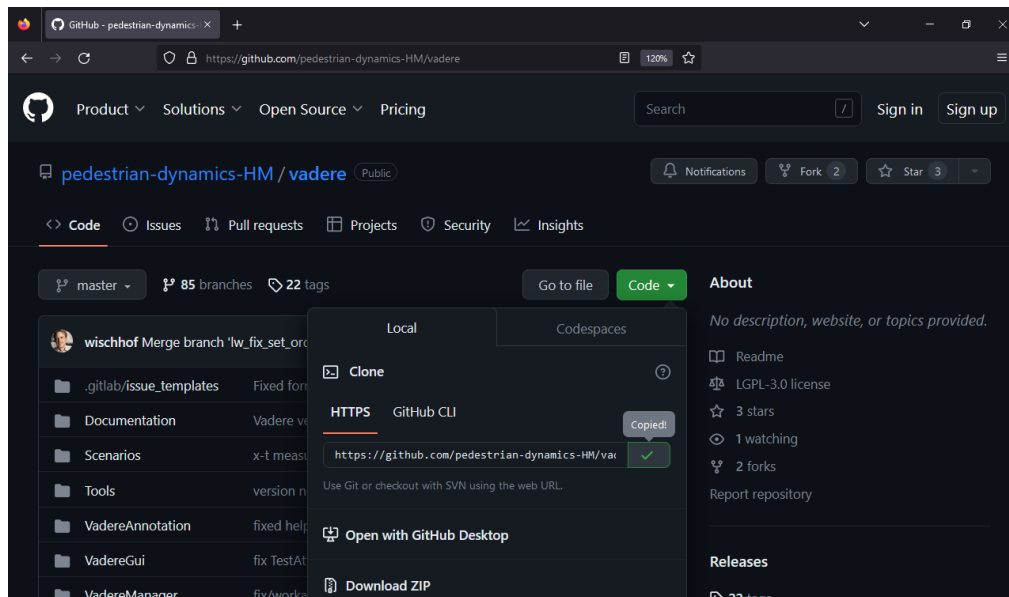
Downloads

Vadere

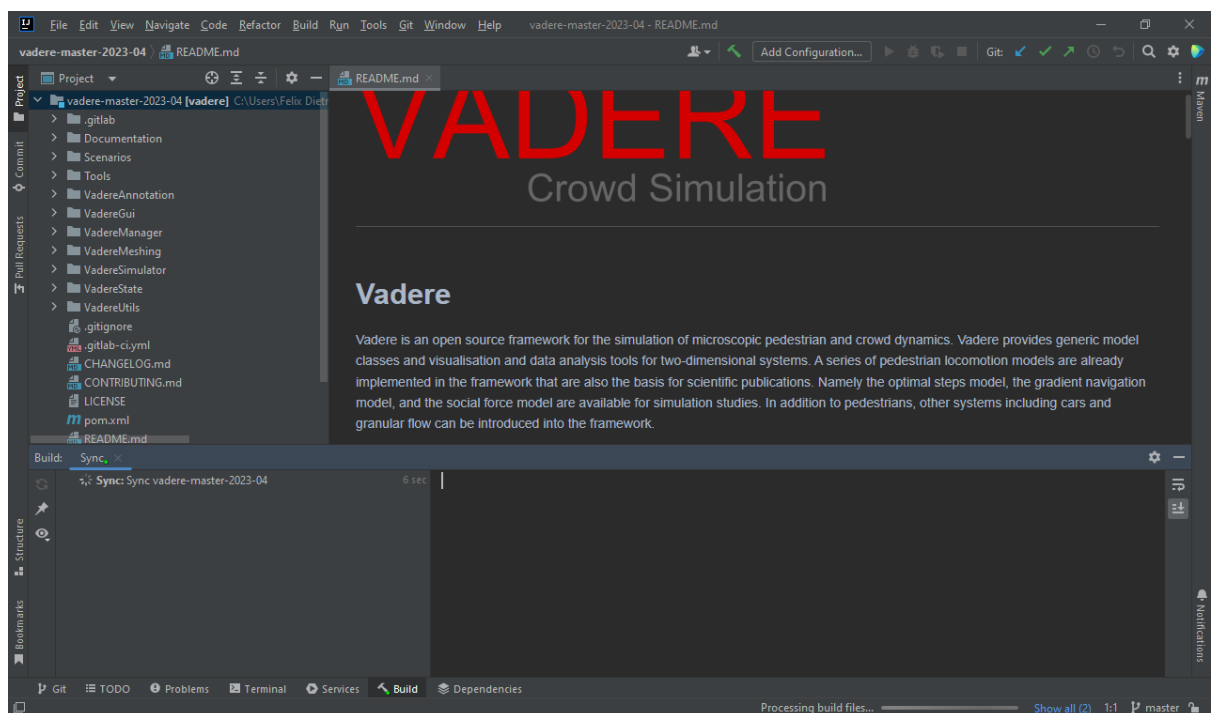
- 2) Decide where to download the source code, e.g. “GitHub”
<https://github.com/pedestrian-dynamics-HM/vadere>

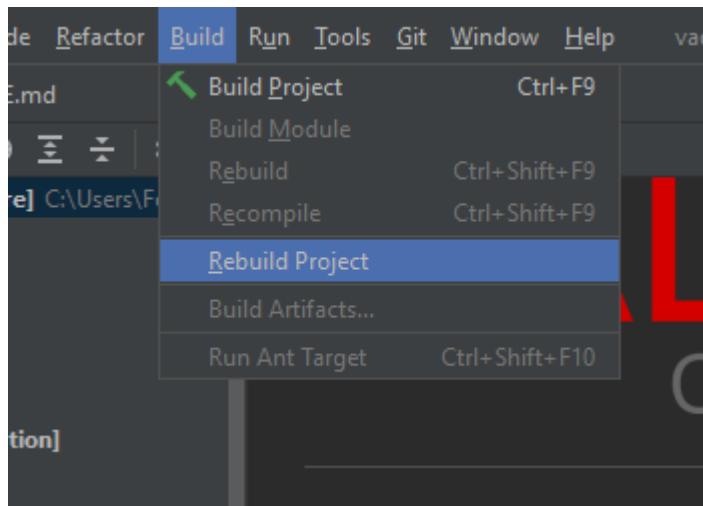


- 3) Use GIT to download the source code

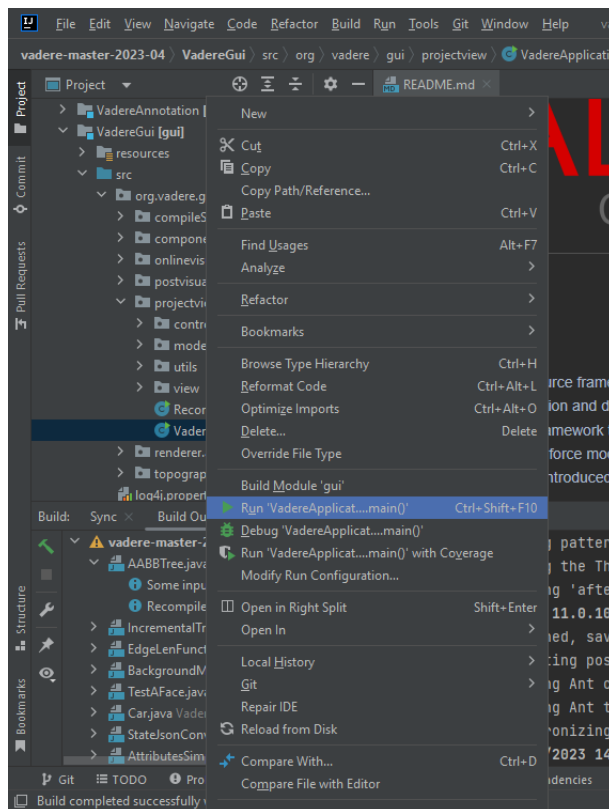


4) Load the project in an IDE (here: IntelliJ) and rebuild

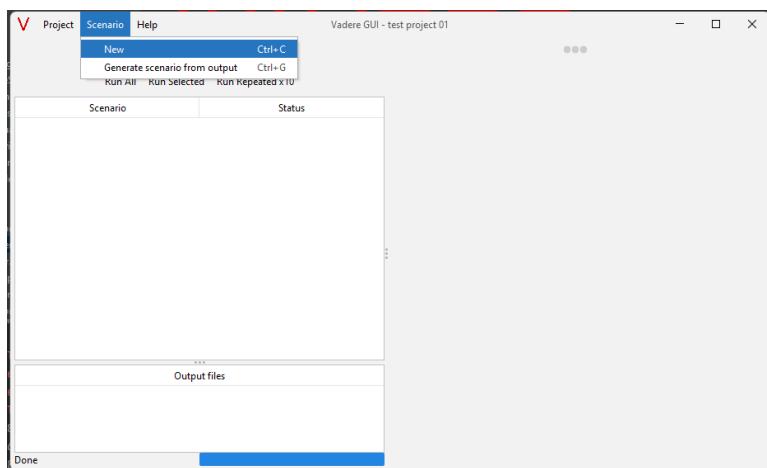
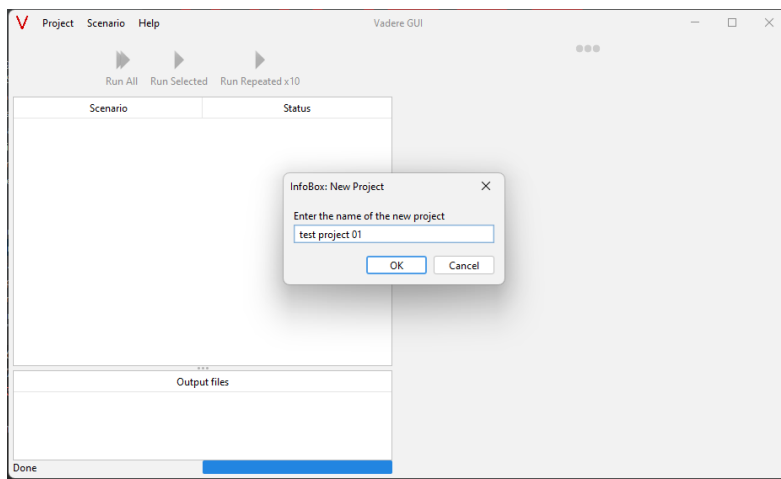
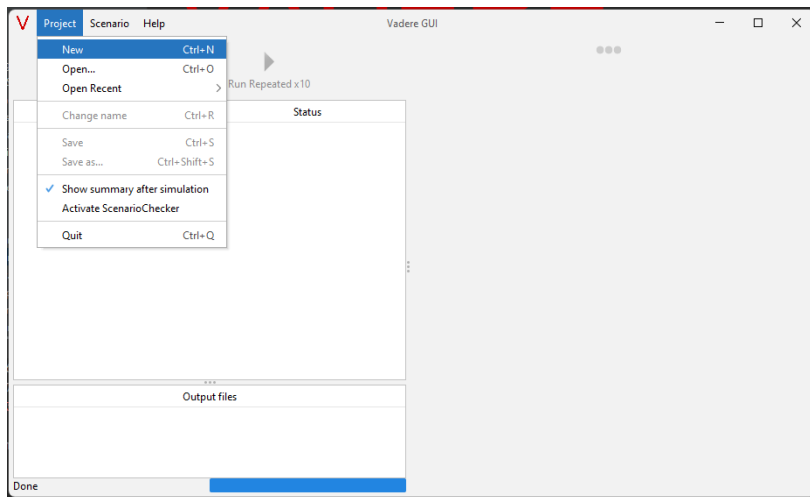


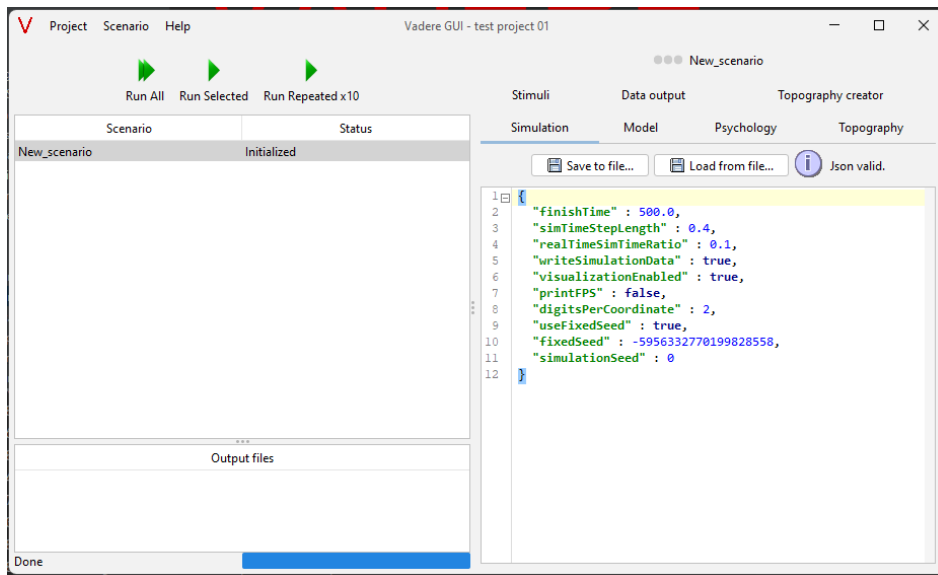


- 5) Start the user interface by running the main method in the VadereApplication class in VadereGui/src/org.vadere.gui/projectview/VadereApplication

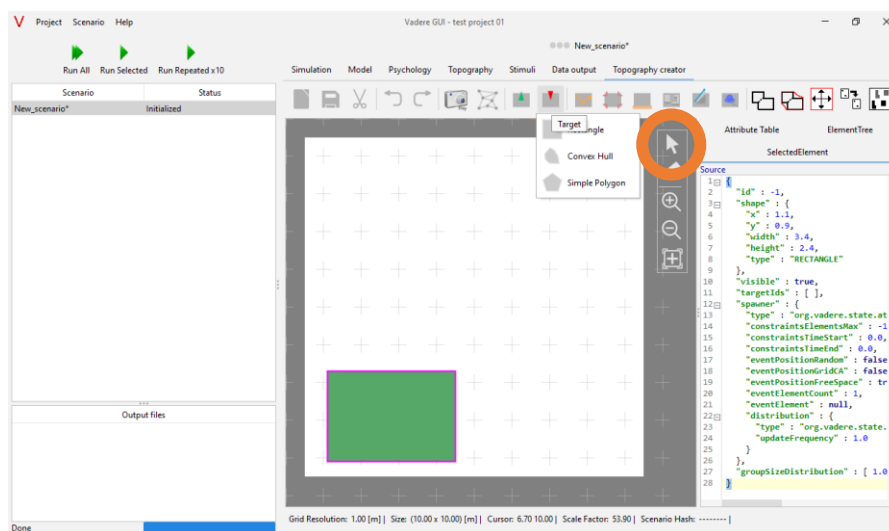


- 6) Create a new project and a new scenario

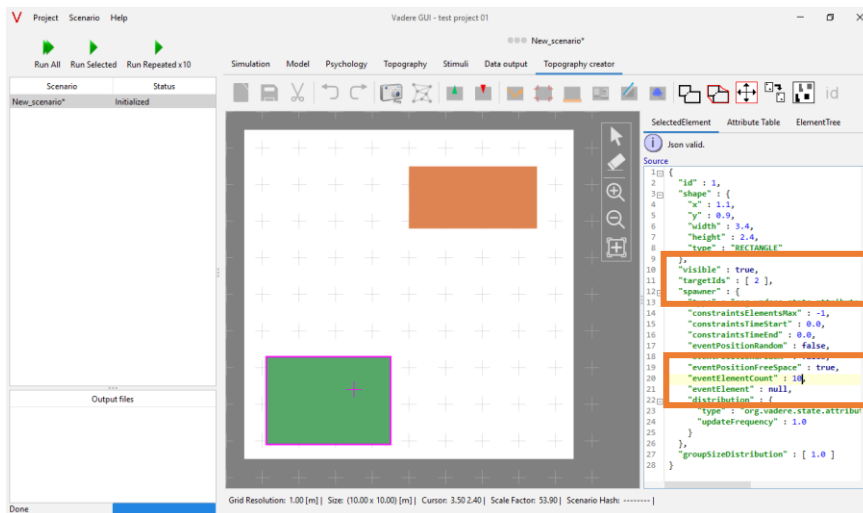




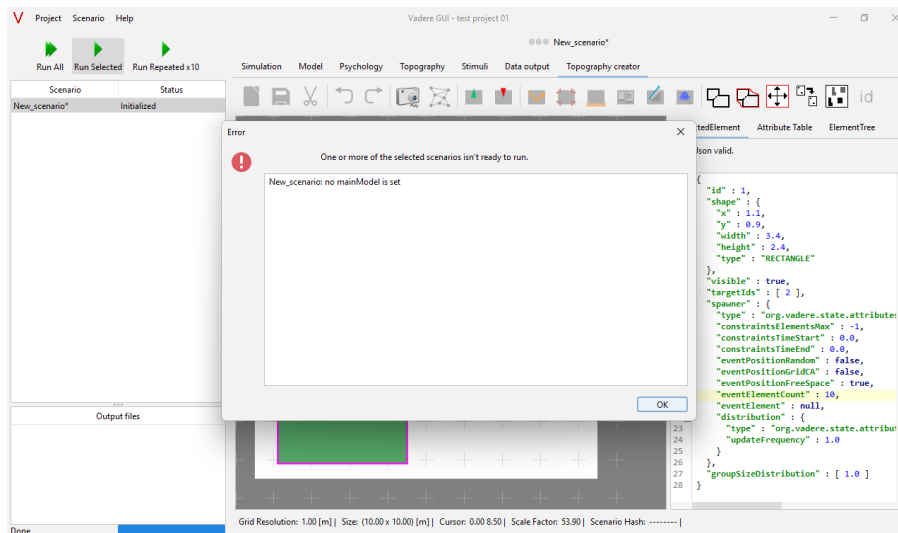
- 7) Navigate to “Topography creator” and add a source and target. You can select individual elements after they are placed by clicking on the “pointer” on the top right inside the topography view (marked in orange).



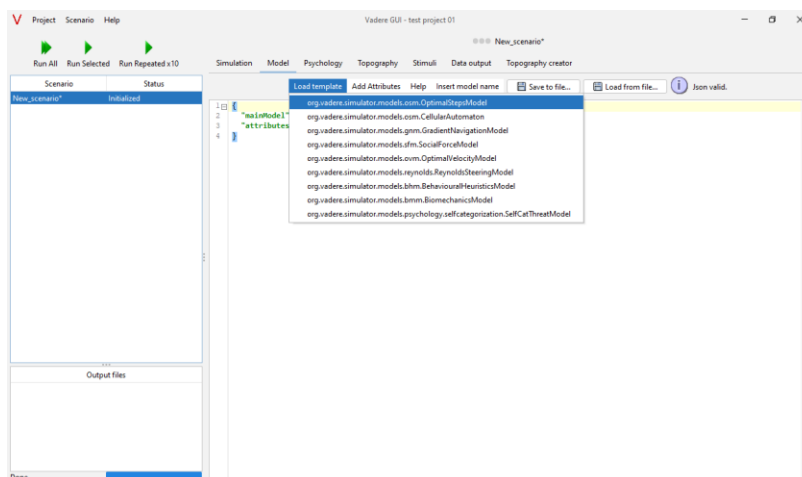
- 8) You can change the number of pedestrians leaving the target in the source, and you also must edit the target id where they should move towards. This is a list, so if you want them to move to another target afterwards, just add the additional ids in the list.



9) If you click on “run selected”, there may be an error popping up about a missing model.



10) Add the model (OptimalStepsModel) in the “Model” tab for this.



11) Once you have added the additional SIR files from Moodle, you should be able to visualize the different groups in the running simulation by changing the coloring from “target” to “group”

