



# Master Thesis Project

## » Actor Based Simulation Framework «

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## Overview

Development of an actor based simulation of the movement of people, based on Open Street Map and Wikipedia demographics information.

## Target Group

Students interested in large data sets and solid skills in software engineering.

- ▶ **Starting point:** Study of existing actor based simulation methods, especially in the area of movements of people.
- ▶ **Implementation:** System that processes Open Street Map data and Wikipedia demographics information for selected regions. The system should be able to simulate the movement of actors, where actors represent groups of people.
- ▶ **Evaluation:** Comparison of the simulation data with real word data set.
- ▶ **Written:** Overview of actor based simulation methods, description of the implementation and results of the evaluation.

... more details upon request!

## Contact



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