

Visualizing Massive Origin-Destination Flows

Problem:

- Visualizing origin-destination flows is one of the most difficult visualization task.
- Few origin-destination pairs (such as flight paths) can be visualized with arrows, but many origin-destination pairs require different approaches.

Your Tasks:

- Create an easily accessible database of commute trips in the two states of Bavaria and Baden-Württemberg
- Create a tool that allows selecting subsets of origin-destination flows
- Develop concepts for arrows, lines, points and color schemes to best visualize origin-destination flows
- The tool will be open source and provide a user interface

Project Characteristics

Modeling: ★★☆☆☆
Mathematics: ★★☆☆☆
Programming: ★★★★★



Source: <http://www.aaronkoblin.com/work/flightpatterns/>

